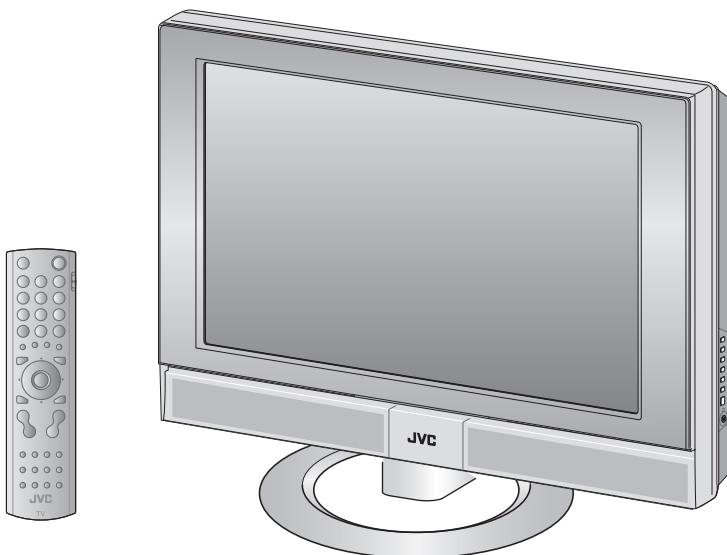


JVC

SERVICE MANUAL

WIDE LCD PANEL TELEVISION

LT-26ED5BU, LT-32ED5BU
LT-26ED5BU/P, LT-32ED5BU/P



BASIC CHASSIS
FL2

DynaPiX
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HIGH-DEFINITION MULTIMEDIA INTERFACE

LT-26ED5BU, LT-32ED5BU, LT-26ED5BU/P and LT-32ED5BU/P is the models whose destination was changed based on LT-26S60BU, LT-32S60BU, LT-26S60BU/P and LT-32S60BU/P.

Therefore, this service manual describes only the items which differ from those of the LT-26S60BU, LT-32S60BU, LT-26S60BU/P and LT-32S60BU/P. service manual.

For details other than those described in this manual, please refer to the LT-26S60BU and LT-32S60BU service manual (No.YA296, 2005/6) LT-26S60BU/P and LT-32S60BU/P service manual (No.YA296B, 2005/6).

SPECIFICATION

Items	Contents	
	LT-26ED5BU	LT-32ED5BU
Dimensions (W × H × D)	70.3 cm × 55.4 cm × 29.5 cm [Included stand] 70.3 cm × 48.3 cm × 10.7 cm [TV only]	80.8 cm × 62.9 cm × 29.5 cm [Included stand] 80.8 cm × 55.9 cm × 10.8 cm [TV only]
Mass	15.3 kg [Included stand] 13.0 kg [TV only]	18.7 kg [Included stand] 16.4 kg [TV only]

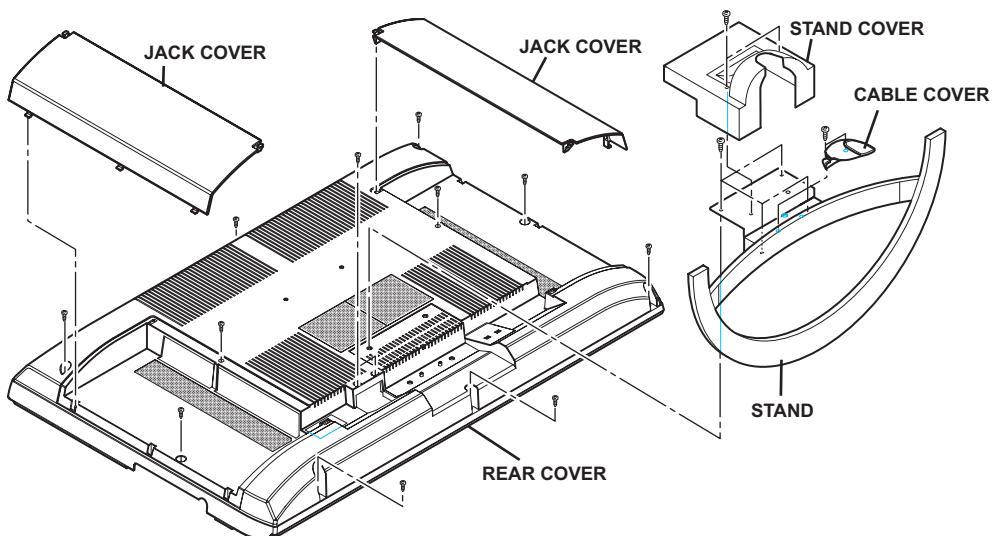
- Only the difference point has been described.
- Design & specifications are subject to change without notice.

MAIN DIFFERENCE POINT

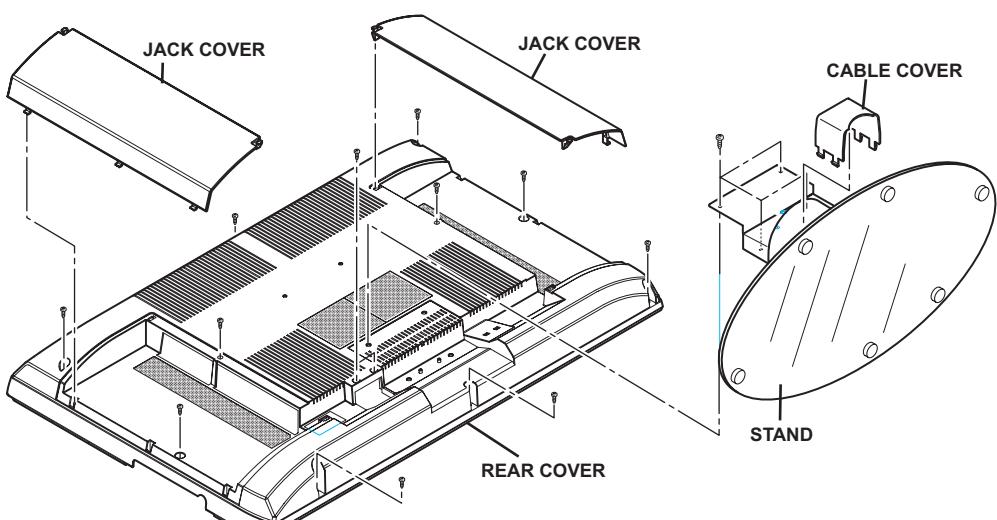
Item	LT-26S60BU	LT-32S60BU	LT-26ED5BU	LT-32ED5BU
STAND ASSY	GA10054-001A-U	←	GA10060-001A-U	←

Item	LT-26S60BU/P	LT-32S60BU/P	LT-26ED5BU/P	LT-32ED5BU/P
STAND ASSY	GA10054-001A-U	←	GA10060-001A-U	←

[LT-26S60BU, LT-32S60BU, LT-26S60BU/P, LT-32S60BU/P]



[LT-26ED5BU, LT-32ED5BU, LT-26ED5BU/P, LT-32ED5BU/P]



DIFFERENCE LIST

EXPLODED VIEW PARTS LIST-1 (Page 3-3)

▲	Ref. No.	Part No.		PART NAME	DESCRIPTION
		LT-26S60BU	LT-26ED5BU		
▲	103	LC21301-065A-U	LC21301-075A-U	RATING LABEL	LT-26ED5BU
▲	103	LC21301-069A-U	LC21301-077A-U	RATING LABEL	LT-32ED5BU
▲	104	LC21300-047A-U	LC21300-021B-U	RATING LABEL	LT-26ED5BU
▲	104	LC21300-048A-U	LC21300-021B-U	RATING LABEL	LT-32ED5BU
	107	GA10054-001A-U	GA10060-001A-U	STAND ASSY	Inc. 107B
	107A	GA30092-001A-U	---	STAND COVER	(Delete)
	107B	GA30081-001A-U	GA30008-001A-U	CABLE COVER	

▲	Ref. No.	Part No.		PART NAME	DESCRIPTION
		LT-26S60BU/P	LT-26ED5BU/P		
▲	103	LC21301-066A-U	LC21301-076A-U	RATING LABEL	LT-26ED5BU/P
▲	103	LC21301-070A-U	LC21301-078A-U	RATING LABEL	LT-32ED5BU/P
▲	104	LC21300-047A-U	LC21300-021B-U	RATING LABEL	LT-26ED5BU/P
▲	104	LC21300-048A-U	LC21300-021B-U	RATING LABEL	LT-32ED5BU/P
	107	GA10054-001A-U	GA10060-001A-U	STAND ASSY	Inc. 107B
	107A	GA30092-001A-U	---	STAND COVER	(Delete)
	107B	GA30081-001A-U	GA30008-001A-U	CABLE COVER	

PACKING PARTS LIST (Page 3-29)

▲	Ref. No.	Part No.		PART NAME	DESCRIPTION
		LT-26S60BU	LT-26ED5BU		
	102	GA10027-011A-U	GA10027-007A-U	EURO LABEL	LT-26ED5BU
	102	GA10027-016A-U	GA10027-008A-U	EURO LABEL	LT-32ED5BU
▲	107	LCT1848-001A-U	LCT1895-001A-U	INST BOOK	German
▲	108	LCT1849-001A-U	-----	INST BOOK	(Delete)
▲	109	LCT1850-001A-U	-----	INST BOOK	(Delete)

▲	Ref. No.	Part No.		PART NAME	DESCRIPTION
		LT-26S60BU/P	LT-26ED5BU/P		
	102	GA10027-066A-U	GA10027-021A-U	EURO LABEL	LT-26ED5BU/P
	102	GA10027-068A-U	GA10027-022A-U	EURO LABEL	LT-32ED5BU/P
▲	107	LCT1848-001A-U	LCT1895-001A-U	INST BOOK	German
▲	108	LCT1849-001A-U	-----	INST BOOK	(Delete)
▲	109	LCT1850-001A-U	-----	INST BOOK	(Delete)

SECTION 1 PRECAUTION

Please refer to "LT-26S60BU and LT-32S60BU (No.YA296)" about this section.

SECTION 2 SPECIFIC SERVICE INSTRUCTIONS

Please refer to "LT-26S60BU and LT-32S60BU (No.YA296)" about this section.

SECTION 3 DISASSEMBLY

Please refer to "LT-26S60BU and LT-32S60BU (No.YA296)" about this section.

SECTION 4 ADJUSTMENT

Please refer to "LT-26S60BU and LT-32S60BU (No.YA296)" about this section.

SECTION 5 TROUBLESHOOTING

Please refer to "LT-26S60BU and LT-32S60BU (No.YA296)" about this section.

JVC

Victor Company of Japan, Limited
AV & MULTIMEDIA COMPANY DISPLAY CATEGORY 12, 3-chome, Moriya-cho, Kanagawa-ku, Yokohama-city, Kanagawa-prefecture, 221-8528, Japan

(No.YA296C)

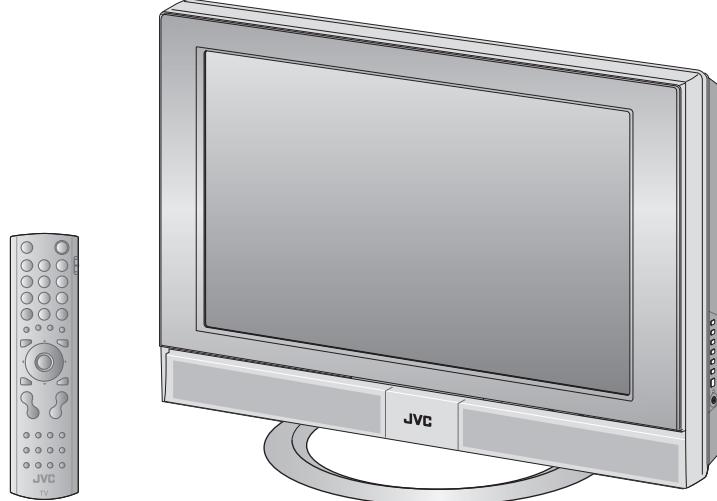
 Printed in Japan
VPT

JVC

SERVICE MANUAL

WIDE LCD PANEL TELEVISION

**LT-26S60BU, LT-26S60SU,
LT-32S60BU, LT-32S60SU**



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TABLE OF CONTENTS

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3 DISASSEMBLY	1-11
4 ADJUSTMENT	1-18
5 TROUBLESHOOTING	1-25

SPECIFICATION

Items	Contents	
	LT-26S60BU LT-26S60SU	LT-32S60BU LT-32S60SU
Dimensions (W × H × D)	70.3 cm × 53.7 cm × 22.5 cm [Included stand] 70.3 cm × 48.3 cm × 10.7 cm [TV only]	80.8 cm × 61.1 cm × 22.5 cm [Included stand] 80.8 cm × 55.9 cm × 10.8 cm [TV only]
Mass	17.0 kg [Included stand] 13.0 kg [TV only]	20.0 kg [Included stand] 16.4 kg [TV only]
Power Input	AC110V - AC240 V, 50 Hz / 60 Hz	
Power Consumption	118 W (Standby: 2.6 W)	141 W (Standby: 2.6 W)
TV RF System	CCIR B/G, I, D/K, L	
Colour System	PAL / SECAM / NTSC 3.58 / NTSC 4.43 (NTSC: EXT only).	
Stereo System	A2 (B/G, D/K), NICAM (B/G, I, D/K, L)	
Teletext System	FLOF (Fastext), TOP, WST (World Standard System)	
Receiving Frequency	VHF UHF CATV	47MHz to 470MHz 470MHz to 862MHz 116MHz to 172MHz / 220MHz to 469MHz
Intermediate Frequency	VIF SIF	38.9MHz(B/G, D/K, I) 33.4MHz(5.5MHz:B/G) / 32.9MHz(6.0MHz:I) / 32.4MHz(6.5MHz:L,D/K)
Colour Sub Carrier Frequency	PAL SECAM NTSC	4.43MHz 4.40625MHz / 4.25MHz 3.58MHz / 4.43MHz
LCD panel		26V-inch wide aspect (16 : 9) 32V-inch wide aspect (16 : 9)
Screen Size		Diagonal : 66 cm (H: 57.6 cm × V: 32.4 cm) Diagonal : 80 cm (H: 69.7 cm × V: 39.2 cm)
Display Pixels		Horizontal : 1366 dots × Vertical : 768 dots (W-XGA)
Audio Power Output		10 W + 10 W
Speaker		6.6 cm, round type × 2 (Oblique corn)
Aerial terminal (VHF/UHF)		75 Ω unbalanced, coaxial
EXT-1 / EXT-2 (Input / Output)		21-pin Euro connector (SCART socket) × 2
EXT-3 (Input)	S-Video Video Audio	Mini-DIN 4 pin × 1 Y: 1 V (p-p), Positive (Negative sync provided), 75 Ω C: 0.286 V (p-p) (Burst signal), 75 Ω 1 V (p-p), Positive (Negative sync provided), 75 Ω, RCA pin jack × 1 500 mV (rms), High impedance, RCA pin jack × 2
EXT-4 (Input)	Component Video 750p / 1125i 625p / 525p / 625i / 525i Audio	RCA pin jack × 3 Y : 1 V (p-p) (Sync signal: ±0.35V(p-p), 3-value sync.), 75Ω Pb/Pr : ±0.35V(p-p), 75 Ω Y : 1 V (p-p), Positive (Negative sync provided), 75 Ω Cb/Cr : 0.7V(p-p), 75 Ω 500 mV(rms) (-4dBs), high impedance, RCA pin jack × 2
HDMI Input	Video Audio	HDMI connector × 1 (Digital-input terminal is not compatible with picture signals of computer signal) Digital: HDMI connector × 1 Analog: 500mV(rms) (-4dBs), high impedance, RCA pin jack × 2
PC (RGB) Input		D-sub 15 pin × 1 R/G/B : 0.7 V (p-p), 75Ω HD / VD : 1 V (p-p) to 5 V (p-p), high impedance < Available signal > VGA : 640 pixels × 480 pixels (Horizontal : 31.5 kHz / Vertical : 60 Hz) XGA : 1024 pixels × 768 pixels (Horizontal : 48.4 kHz / Vertical : 60 Hz)
Audio output		500 mV (rms), Low impedance, RCA pin jack × 2
Headphone		3.5 mm stereo mini jack × 1
Remote Control Unit		RM-C1813H (AA/R6 dry cell battery × 2)

Design & specifications are subject to change without notice.

SECTION 1

PRECAUTION

1.1 SAFETY PRECAUTIONS

- (1) The design of this product contains special hardware, many circuits and components specially for safety purposes. For continued protection, no changes should be made to the original design unless authorized in writing by the manufacturer. Replacement parts must be identical to those used in the original circuits. Service should be performed by qualified personnel only.
- (2) Alterations of the design or circuitry of the products should not be made. Any design alterations or additions will void the manufacturer's warranty and will further relieve the manufacturer of responsibility for personal injury or property damage resulting therefrom.
- (3) Many electrical and mechanical parts in the products have special safety-related characteristics. These characteristics are often not evident from visual inspection nor can the protection afforded by them necessarily be obtained by using replacement components rated for higher voltage, wattage, etc. Replacement parts which have these special safety characteristics are identified in the parts list of Service manual. **Electrical components having such features are identified by shading on the schematics and by (Δ) on the parts list in Service manual.** The use of a substitute replacement which does not have the same safety characteristics as the recommended replacement part shown in the parts list of Service manual may cause shock, fire, or other hazards.
- (4) **Don't short between the LIVE side ground and ISOLATED (NEUTRAL) side ground or EARTH side ground when repairing.**
Some model's power circuit is partly different in the GND. The difference of the GND is shown by the LIVE : (⊥) side GND, the ISOLATED (NEUTRAL) : (≠) side GND and EARTH : (⊕) side GND.
Don't short between the LIVE side GND and ISOLATED (NEUTRAL) side GND or EARTH side GND and never measure the LIVE side GND and ISOLATED (NEUTRAL) side GND or EARTH side GND at the same time with a measuring apparatus (oscilloscope etc.). If above note will not be kept, a fuse or any parts will be broken.
- (5) When service is required, observe the original lead dress. Extra precaution should be given to assure correct lead dress in the high voltage circuit area. Where a short circuit has occurred, those components that indicate evidence of overheating should be replaced. Always use the manufacturer's replacement components.

(6) Isolation Check (Safety for Electrical Shock Hazard)

After re-assembling the product, always perform an isolation check on the exposed metal parts of the cabinet (antenna terminals, video/audio input and output terminals, Control knobs, metal cabinet, screw heads, earphone jack, control shafts, etc.) to be sure the product is safe to operate without danger of electrical shock.

a) Dielectric Strength Test

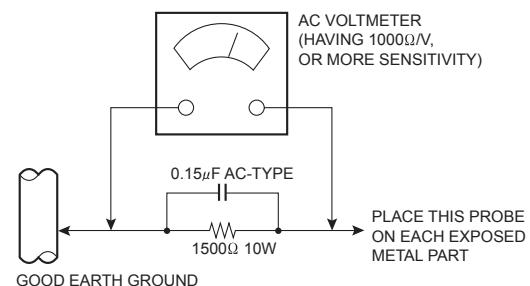
The isolation between the AC primary circuit and all metal parts exposed to the user, particularly any exposed metal part having a return path to the chassis should withstand a voltage of 3000V AC (r.m.s.) for a period of one second. (. . . Withstand a voltage of 1100V AC (r.m.s.) to an appliance rated up to 120V, and 3000V AC (r.m.s.) to an appliance rated 200V or more, for a period of one second.) This method of test requires a test equipment not generally found in the service trade.

b) Leakage Current Check

Plug the AC line cord directly into the AC outlet (do not use a line isolation transformer during this check.). Using a "Leakage Current Tester", measure the leakage current from each exposed metal part of the cabinet, particularly any exposed metal part having a return path to the chassis, to a known good earth ground (water pipe, etc.). Any leakage current must not exceed 0.5mA AC (r.m.s.). However, in tropical area, this must not exceed 0.2mA AC (r.m.s.).

Alternate Check Method

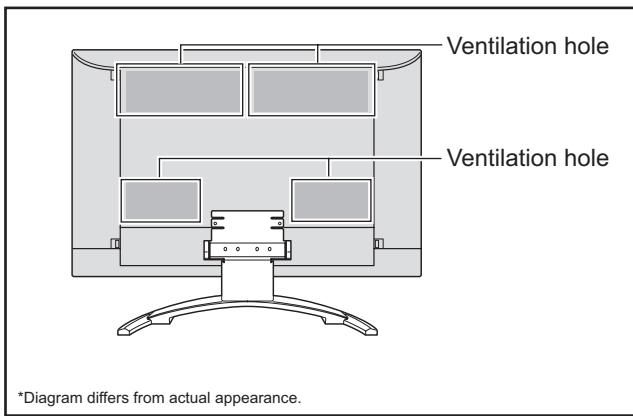
Plug the AC line cord directly into the AC outlet (do not use a line isolation transformer during this check.). Use an AC voltmeter having 1000Ω per volt or more sensitivity in the following manner. Connect a 1500Ω 10W resistor paralleled by a 0.15μF AC-type capacitor between an exposed metal part and a known good earth ground (water pipe, etc.). Measure the AC voltage across the resistor with the AC voltmeter. Move the resistor connection to each exposed metal part, particularly any exposed metal part having a return path to the chassis, and measure the AC voltage across the resistor. Now, reverse the plug in the AC outlet and repeat each measurement. Any voltage measured must not exceed 0.75V AC (r.m.s.). This corresponds to 0.5mA AC (r.m.s.). However, in tropical area, this must not exceed 0.3V AC (r.m.s.). This corresponds to 0.2mA AC (r.m.s.).



1.2 INSTALLATION

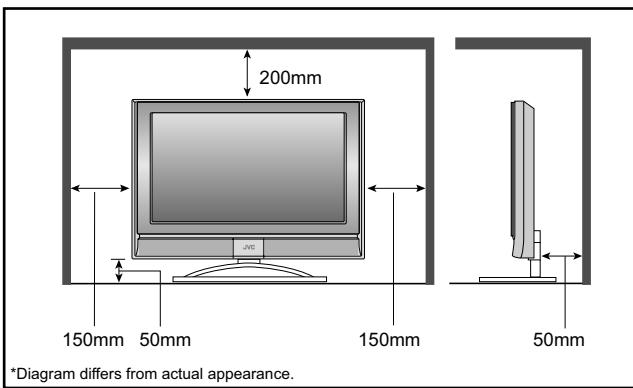
1.2.1 HEAT DISSIPATION

If the heat dissipation vent behind this unit is blocked, cooling efficiency may deteriorate and temperature inside the unit will rise. The temperature sensor that protects the unit will be activated when internal temperature exceeds the pre-determined level and power will be turned off automatically. Therefore, please make sure pay attention not to block the heat dissipation vent as well as the ventilation outlet behind the unit and ensure that there is room for ventilation around it.



1.2.2 INSTALLATION REQUIREMENTS

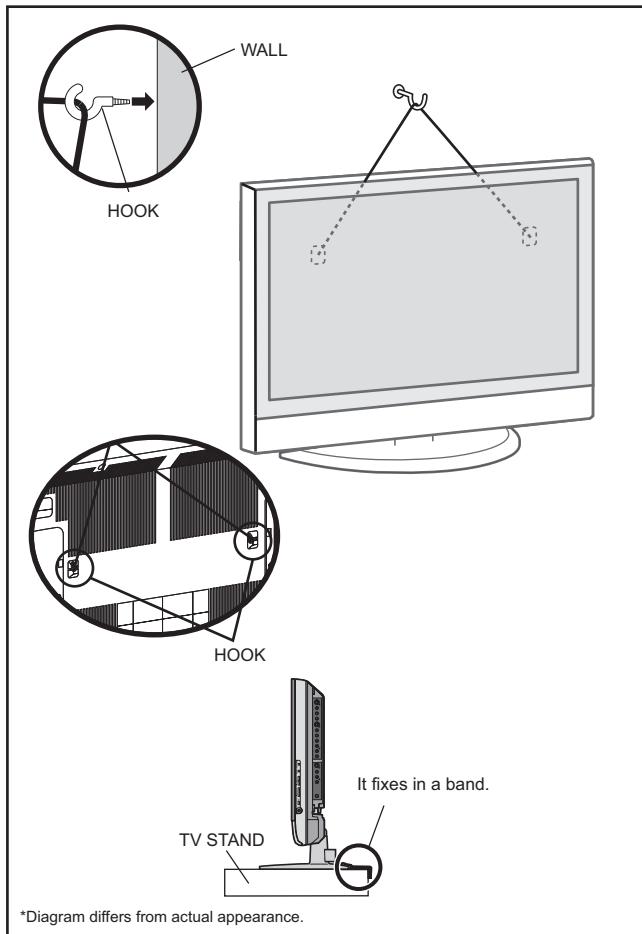
Ensure that the minimal distance is maintained, as specified below, between the unit with and the surrounding walls, as well as the floor etc. Install the unit on stable flooring or stands. Take precautionary measures to prevent the unit from tipping in order to protect against accidents and earthquakes.



1.2.3 INSTALLATION REQUIREMENTS

To ensure safety in an emergency such as an earthquake, and to prevent accidents, ensure that measures are taken to prevent the TV dropping or falling over.

Tie commercially available tough cord(s) to the hooks in the back of the TV, and fix the TV to solid walls or columns.



1.2.4 NOTES ON HANDLING

(1) WHEN TAKING UNIT OUT OF A PACKING CASE

When taking the unit out of a packing case, do not grasp the upper part of the unit. If you take the unit out while grasping the upper part, the LCD PANEL may be damaged because of a pressure. Instead of grasping the upper part, put your hands on the lower backside or sides of the unit.

(2) AS FOR PRESSING OR TOUCHING A SPEAKER

Be careful not to press the opening of the speaker in the lower part of the unit and around them since the decorative sheet on the surface of the openings may be deformed.

1.3 HANDLING LCD PANEL

1.3.1 PRECAUTIONS FOR TRANSPORTATION

When transporting the unit, pressure exerted on the internal LCD panel due to improper handling (such as tossing and dropping) may cause damages even when the unit is carefully packed. To prevent accidents from occurring during transportation, pay careful attention before delivery, such as through explaining the handling instructions to transporters.

Ensure that the following requirements are met during transportation, as the LCD panel of this unit is made of glass and therefore fragile:

(1) USE A SPECIAL PACKING CASE FOR THE LCD PANEL

When transporting the LCD panel of the unit, use a special packing case (packing materials). A special packing case is used when a LCD panel is supplied as a service spare part.

(2) ATTACH PROTECTION SHEET TO THE FRONT

Since the front (display part) of the panel is vulnerable, attach the protection sheet to the front of the LCD panel before transportation. Protection sheet is used when a LCD panel is supplied as a service spare part.

(3) AVOID VIBRATIONS AND IMPACTS

The unit may be broken if it is toppled sideways even when properly packed. Continuous vibration may shift the gap of the panel, and the unit may not be able to display images properly. Ensure that the unit is carried by at least 2 persons and pay careful attention not to exert any vibration or impact on it.

(4) DO NOT PLACE EQUIPMENT HORIZONTALLY

Ensure that it is placed upright and not horizontally during transportation and storage as the LCD panel is very vulnerable to lateral impacts and may break. During transportation, ensure that the unit is loaded along the traveling direction of the vehicle, and avoid stacking them on one another. For storage, ensure that they are stacked in 2 layers or less even when placed upright.

1.3.2 OPTICAL FILTER (ON THE FRONT OF THE LCD PANEL)

- (1) Avoid placing the unit under direct sunlight over a prolonged period of time. This may cause the optical filter to deteriorate in quality and COLOUR.
- (2) Clean the filter surface by wiping it softly and lightly with a soft and lightly fuzz cloth (such as outing flannel).
- (3) Do not use solvents such as benzene or thinner to wipe the filter surface. This may cause the filter to deteriorate in quality or the coating on the surface to come off. When cleaning the filter, usually use the neutral detergent diluted with water. When cleaning the dirty filter, use water-diluted ethanol.
- (4) Since the filter surface is fragile, do not scratch or hit it with hard materials. Be careful enough not to touch the front surface, especially when taking the unit out of the packing case or during transportation.

1.3.3 PRECAUTIONS FOR REPLACEMENT OF EXTERIOR PARTS

Take note of the following when replacing exterior parts (REAR COVER, FRONT PANEL, etc.):

- (1) Do not exert pressure on the front of the LCD panel (filter surface). It may cause irregular COLOUR.
- (2) Pay careful attention not to scratch or stain the front of the LCD panel (filter surface) with hands.
- (3) When replacing exterior parts, the front (LCD panel) should be placed facing downward. Place a mat, etc. underneath to avoid causing scratches to the front (filter surface).

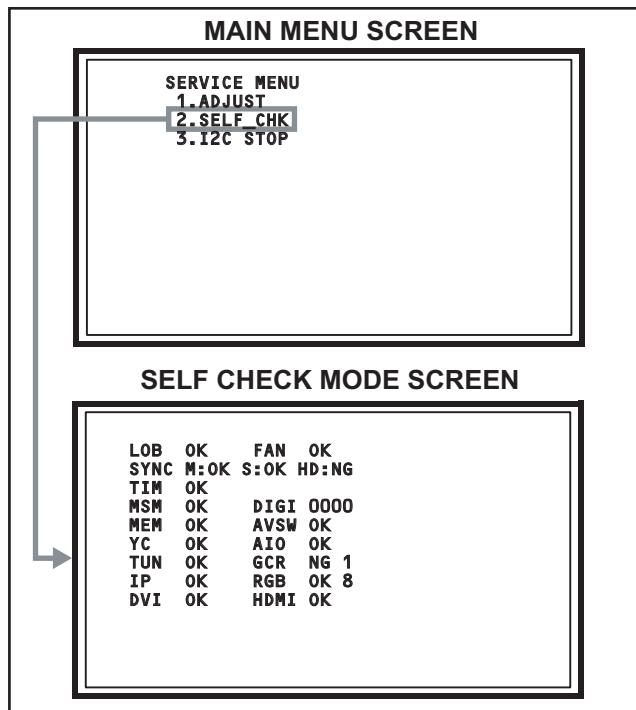
SECTION 2

SPECIFIC SERVICE INSTRUCTIONS

2.1 SYSTEM SETTING

Be sure to carry out the following operation at the end of the procedure.

- (1) Press the **[INFORMATION]** key and **[MUTING]** key simultaneously, then enter the SERVICE MODE.
- (2) When the Main Menu is displayed, press **[2]** key to enter the self check mode.
- (3) Turn off the power by pressing the **[POWER]** key on the remote control unit.



2.2 FEATURES

D.I.S.T. (Digital Image Scaling Technology)

This system uses line interpolation to double the number of scanning lines and achieve high resolution, flicker-free picture.

COLOUR MANAGEMENT

This function ensures dull colours are compensated to produce natural hues.

PICTURE MANAGEMENT

This function makes it easier to see the dark areas when a picture has many dark areas, and makes it easier to see the bright areas when a picture has many bright areas.

ZOOM

This function can change the screen size according to the picture aspect ratio.

2.3 MAIN DIFFERENCE LIST

Item	LT-26S60BU	LT-26S60SU	LT-32S60BU	LT-32S60SU
FRONT PANEL COLOUR	BLACK	SILVER	BLACK	SILVER
LCD PANEL UNIT	QLD0370-001	←	QLD0371-001	←
DIGITAL SIGNAL PWB	SFL0D236A-U2	←	SFL0D235A-U2	←

DIGITAL VNR

This function cuts down the amount of noise in the original picture.

SUPER DIGIPURE

This function uses the latest in digital technology to give you a natural-looking picture.

MOVIE THEATRE

This function displays a cinema film picture more smoothly and naturally on the screen.

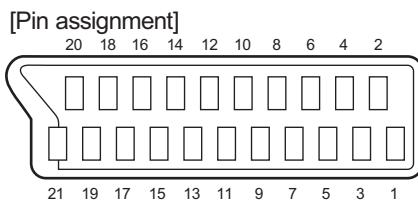
3D CINEMA SOUND

You can enjoy sounds with a widerambience.

2.4 21-PIN EURO CONNECTOR (SCART) : EXT-1 / EXT-2

Pin No.	Signal designation	Matching value	EXT-1	EXT-2
1	AUDIO R output	500mV(rms) (Nominal), Low impedance	Used (TV OUT)	Used (LINE OUT)
2	AUDIO R input	500mV(rms) (Nominal), High impedance	Used (R1)	Used (R2)
3	AUDIO L output	500mV(rms) (Nominal), Low impedance	Used (TV OUT)	Used (LINE OUT)
4	AUDIO GND		Used	Used
5	GND (B)		Used	Used
6	AUDIO L input	500mV(rms) (Nominal), High impedance	Used (L1)	Used (L2)
7	B input	700mV _(B-W) , 75Ω	Used	Used
8	FUNCTION SW (SLOW SW)	Low : 0V-3V High : 8V-12V, High impedance	Used	Used
9	GND (G)		Used	Used
10	SCL / T-V LINK		Not used	Used (SCL2 / TV-LINK)
11	G input	700mV _(B-W) , 75Ω	Used	Used
12	SDA		Not used	Used (SDA2)
13	GND (R)		Used	Used
14	GND (YS)		Used	Not used
15	R / C input	R : 700mV _(B-W) , 75Ω C : 300mV _(P-P) , 75Ω	Used (R)	Used (C2/R)
16	Ys input (FAST SW)	Low : 0V-0.4V, High : 1V-3V, 75Ω	Used	Used
17	GND (VIDEO output)		Used	Used
18	GND (VIDEO input)		Used	Used
19	VIDEO output	1V _(P-P) (Negative sync), 75Ω	Used (TV OUT)	Used (LINE OUT)
20	VIDEO / Y input	1V _(P-P) (Negative sync), 75Ω	Used	Used
21	COMMON GND		Used	Used

(P-P= Peak to Peak, B-W= Blanking to white peak)



2.5 TECHNICAL INFORMATION

2.5.1 LCD PANEL

This unit uses the flat type panel LCD (Liquid Crystal Display) panel that occupies as little space as possible, instead of the conventional CRT (Cathode Ray Tube), as a display unit.

Since the unit has the two polarizing filter that are at right angles to each other, the unit adopts "normally black" mode, where light does not pass through the polarizing filter and the screen is black when no voltage is applied to the liquid crystals.

2.5.1.1 SPECIFICATIONS

The following table shows the specifications of this unit.

Item	Specifications	
	26V-inch	32V-inch
Maximum dimensions (W × H × D)	626.0 mm × 373.0 mm × 51.0 mm	760.0 mm × 450.0 mm × 50.0 mm
Weight	4.7 kg	7.5 kg
Effective screen size	Diagonal: 660 mm (H: 576 mm × V: 324 mm)	Diagonal: 800 mm (H: 697 mm × V: 392 mm)
Aspect ratio	16 : 9	
Drive device / system	a-Si-TFT active matrix system	
Resolution	Horizontally 1366 × Vertically 768 × RGB < W-XGA > 3147264 dots in total	
Pixel pitch (pixel size)	Horizontally: 0.4215 mm Vertically: 0.4215mm	Horizontally: 0.51075 mm Vertically: 0.51075 mm
Displayed colour	16777216 colours 256 colours for R G and B	
Brightness	500cd/m ²	
Contrast ratio	800 : 1	1000 : 1
Response time	8ms	
View angle	Horizontally: 170° Vertically: 170°	
Surface polarizer	Anti-Glare type Low reflective coat	
Colour filter	Vertical stripe	
Backlight	U-type Cold cathode fluorescent lamp × 8	Direct-type Cold cathode fluorescent lamp × 16
Power supply voltage in LCD	6.5 V	
Power supply voltage in inverter	26.4 V	25.2 V
Panel interface system	LVDS (Low Voltage Differential Signaling)	

2.5.1.2 PIXEL FAULT

There are three pixel faults - bright fault , dark fault and flicker fault - that are respectively defined as follows.

■ BRIGHT FAULT

In this pixel fault, a cell that should not light originally is lighting on and off.

For checking this pixel fault, input ALL BLACK SCREEN and find out the cell that is lighting on and off.

■ DARK FAULT

In this pixel fault, a cell that should light originally is not lighting or lighting with the brightness twice as brighter as originally lighting.

For checking this pixel fault, input 100% of each R/G/B colour and find out the cell that is not lighting.

■ FLICKER FAULT

In the pixel fault, a cell that should light originally or not light originally is flashing on and off.

For checking this pixel fault, input ALL BLACK SCREEN signal or 100% of each RGB colour and find out the cell that is flashing on and off.

2.5.2 MAIN CPU PIN FUNCTION [IC7501 : DIGITAL SIGNAL PWB]

Pin	Pin name	I/O	Function	Pin	Pin name	I/O	Function
1	TCK	I	Test purpose	65	D2	I/O	Program ROM data for main CPU
2	TMS	I	Test purpose	66	D12	I/O	Program ROM data for main CPU
3	TDI	I	Test purpose	67	D10	I/O	Program ROM data for main CPU
4	TDO	O	Test purpose	68	VSS33	-	GND
5	P2.8	O	Not used	69	VDD33	I	3.3V
6	P2.9	O	Blue for OSD	70	D4	I/O	Program ROM data for main CPU
7	P2.10	O	Blue for OSD	71	D3	I/O	Program ROM data for main CPU
8	P2.11	O	Blue for OSD	72	D11	I/O	Program ROM data for main CPU
9	P2.12	O	Blue for OSD	73	RSTIN	I	Reset
10	P2.13	O	Blue for OSD	74	POWER	O	Sleep state release for chassis CPU [Relese : L]
11	P2.14	I	Not used	75	P3.1	O	Not used
12	P2.15	O	Request for chassis CPU communication	76	REMOCON	I	Remote control
13	VSS33	-	GND	77	P3.3	I	Clock for OSD
14	VDD33	I	3.3V	78	P3.4	O	Red for OSD
15	P4.5	O	Not used	79	P3.5	O	Red for OSD
16	A20	O	Program ROM address for main CPU	80	P3.6	O	Red for OSD
17	A19	O	Program ROM address for main CPU	81	P3.7	O	Red for OSD
18	A18	O	Program ROM address for main CPU	82	MTST	O	Data transmission for chassis CPU communication
19	A17	O	Program ROM address for main CPU	83	MTSR	I	Data receive for chassis CPU communication
20	VSS25	-	GND	84	VSS33	-	GND
21	VDD25	I	2.5V	85	VDD33	I	3.3V
22	A16	O	Program ROM address for main CPU	86	VSS25	-	GND
23	A8	O	Program ROM address for main CPU	87	VDD25	I	2.5V
24	A7	O	Program ROM address for main CPU	88	TXD0	O	Communication for adjustment
25	A9	O	Program ROM address for main CPU	89	RXD0	O	Communication for adjustment
26	A6	O	Program ROM address for main CPU	90	P3.12	O	Red for OSD
27	A5	O	Program ROM address for main CPU	91	CLK	O	Clock for chassis CPU communication
28	A10	O	Program ROM address for main CPU	92	P3.15	O	Green for OSD
29	A11	O	Program ROM address for main CPU	93	P5.14	O	Green for OSD
30	A12	O	Program ROM address for main CPU	94	P5.15	O	Green for OSD
31	VSS33	-	GND	95	TRIG_IN	O	Green for OSD
32	VDD33	I	3.3V	96	TRIG_OUT	O	Green for OSD
33	A4	O	Program ROM address for main CPU	97	P6.2	O	Green for OSD
34	A3	O	Program ROM address for main CPU	98	P6.3	O	I ² C bus clock (for main memory)
35	A2	O	Program ROM address for main CPU	99	P6.4	I/O	I ² C bus Data (for main memory)
36	A1	O	Program ROM address for main CPU	100	P6.5	O	Teletext signal select [Analog RGB : H / Digital RGB : L]
37	A0	O	Program ROM address for main CPU	101	IRQ	O	Not used
38	A13	O	Program ROM address for main CPU	102	VSYNC	I	Vertical sync
39	ARAS/A14	O	Program ROM address for main CPU	103	HSYNC	I	Horizontal sync
40	CAS/A15	O	Program ROM address for main CPU	104	COR/RSTOUT	O	Not used
41	VSS33	-	GND	105	BLANK	O	Ys for OSD / Teletext
42	VDD33	I	3.3V	106	VDD33	I	3.3V
43	MEMCLK	O	Clock for memory	107	VSS33	-	GND
44	CSSDRAM	O	Chip select for memory	108	XTAL1	I	6MHz for system clock
45	CLKEN	O	Clock enable for memory	109	XTAL2	O	6MHz for system clock
46	CSROM	O	Chip select for memory	110	VSSA	-	GND
47	RD	O	Read for memory	111	VDDA	I	2.5V
48	UDQM	O	Control buffer of memory	112	R	O	R for OSD / Teletext
49	LDQM	O	Control buffer of memory	113	G	O	G for OSD / Teletext
50	WR	O	Write for memory	114	B	O	B for OSD / Teletext
51	D15	I/O	Program ROM data for main CPU	115	VSSA	-	GND
52	VSS33	-	GND	116	VDDA	I	2.5V
53	VDD33	I	3.3V	117	CVBS2	I	Video for Teletext
54	D7	I/O	Program ROM data for main CPU	118	VSSA	-	GND
55	D0	I/O	Program ROM data for main CPU	119	VDDA	I	2.5V
56	D14	I/O	Program ROM data for main CPU	120	CVBS1B	I	Video for Teletext
57	D8	I/O	Program ROM data for main CPU	121	CVBS1A	I	Video for Teletext
58	D6	I/O	Program ROM data for main CPU	122	VSSA	-	GND
59	D1	I/O	Program ROM data for main CPU	123	VDDA	I	2.5V
60	VSS33	-	GND	124	KEY1	I	Key scan data 1 [ON : H]
61	VDD33	I	3.3V	125	KEY2	I	Key scan data 2 [ON : H]
62	D13	I/O	Program ROM data for main CPU	126	MECA_SW	I	Main power ON / OFF control [ON : L]
63	D9	I/O	Program ROM data for main CPU	127	P5.3	I	Not used
64	D5	I/O	Program ROM data for main CPU	128	TMODE	I	Test purpose

2.5.3 SUB (CHASSIS) CPU PIN FUNCTION [IC7001 : DIGITAL SIGNAL PWB]

Pin	Pin name	I/O	Function	Pin	Pin name	I/O	Function
1	LB_PRO	O	Not used	51	BS_TXD	O	Data transmission for digital tuner communication
2	P_MU	O	Picture muting [Muting = H]	52	BS_RXD	I	Data receive for digital tuner communication
3	JP_CSB	O	Not used (NC)	53	NC	O	Not used (NC)
4	A_MU	O	Audio muting [Muting = H]	54	VREF+	I	3.3V power supply
5	M_MU	O	Audio muting (for AUDIO OUT) [Muting = H]	55	PDP_TX	O	Data transmission for SUB (DRIVE) CPU communication
6	PC_SEL	O	RGB(PC) INPUT select	56	PDP_RX	I	Data receive for SUB (DRIVE) CPU communication
7	ON_TIMER	O	POWER INDICATOR (LED) brightness [LOW = L]	57	SDAO	I/O	Data for Inter IC (serial) bus : EEPROM (IC7002)
8	ILA0	O	LCD back light lighting	58	SCL0	O	Clock for Inter IC (serial) bus : EEPROM (IC7002)
9	ILA1	O	LCD panel overshoot refresh timing	59	SDA_DVI	I/O	Not used : Data for Inter IC (serial) bus for panel communication
10	ILA2	O	Not used	60	SCL_DVI	O	Not used : Clock for Inter IC (serial) bus for panel communication
11	POW_LED	O	POWER LED lighting [ON = H]	61	AVSS	-	GND
12	WORD	O	Not used	62	DIGI_PHOT	I	Not used: Photo sensor for DIGITAL-IN illegal copy protection
13	MI_CK	I	Clock for main CPU communication	63	AGC	I	Not used
14	MI_TX	I	Data receive for main CPU communication	64	EXT_YS1	I	Not used
15	MI_RX	O	Data transmission for MAIN CPU communication	65	EXT_YS2	I	Not used
16	MI_REQ	O	Data request for main CPU communication [Request = L]	66	VDD	I	3.3V power supply
17	VDD	I	3.3V power supply	67	DIGI_PRO	O	Not used : For DIGITAL-IN (HDMI)
18	FOSC	O	Not used (NC)	68	GCR_RST	O	Not used (NC)
19	VSS	-	GND	69	GR_ON	O	Not used (NC)
20	X1	I	Not used : Low speed oscillator	70	SYNC_SEL	O	Not used : Sync select for digital tuner
21	X0	O	Not used : Low speed oscillator	71	NC	O	Not used (NC)
22	VDD	I	3.3V power supply	72	NC	O	Not used (NC)
23	OSC1	I	System clock oscillation (crystal) : 16MHz	73	SBD5	I/O	Not used : Data for writing on board (connect CN01P : for Flash ROM type)
24	OSC0	O	System clock oscillation (crystal) : 16MHz	74	SBT5	I	Not used : Clock for writing on board (connect CN01P : for Flash ROM type)
25	MODE	I	Single chip mode	75	NMI	I	3.3V power supply
26	BS1.5CTL	O	Digital tuner power / reset control	76	COMP	I	Not used : AV COMPULINK III control
27	A92RES	O	Reset for IC1001(3D YC SEP / COLOUR DEMODULAT) [Reset = H]	77	REMO	I	Remote control
28	BS_RST	O	Reset for Digital tuner power / reset control	78	VSYNC	I	V. sync pulse
29	LIP_RST	O	Reset for Sound delay (Lip sync)	79	WAKE	I	Reset for sub(chassis) CPU
30	SOFT_OFF	O	Not used	80	POWERGOOD	I	Power error detection [NG = H]
31	VMUTE	I	Picture muting request from digital tuner	81	NC	O	Not used (NC)
32	VOUTENB	O	Video cutoff for digital tuner	82	RST	I	Reset for MAIN CPU [Reset = L]
33	MDR_CON	I	Not used: System cable connection monitor for PDP	83	VDD	I	3.3V power supply
34	AVDD	I	3.3V power supply	84	SCL3A	O	Clock for Inter IC (serial) bus control
35	BS_POW	O	Digital tuner power control	85	SDA3A	I/O	Data for Inter IC (serial) bus control
36	DsyncSW2	O	Sync select for DIGITAL-IN [Controlled with 99-pin]	86	SCL3B	O	Clock for Inter IC (serial) bus control
37	LB_POW	O	Power control for low bias line	87	SDA3B	I/O	Data for Inter IC (serial) bus control
38	NC	O	Not used (NC)	88	DIGI_SYNCSEL	O	Not used
39	HOTPLUG	I	Not used : Video communication monitor for receiver unit (PDP)	89	DIGI_LRSW	O	Not used : For DIGITAL-IN (HDMI)
40	MECA_SW	I	Mechanical monitor for POWER switch [Push = L]	90	DIGI_INT	I	Not used : Reset for HDMI process [Reset = L]
41	MAIN_POW	O	Main power control [ON = L]	91	DVI_RST	O	Not used : Reset for DVI format conversion
42	MSP_RST	O	AUDIO OUT output mode select [VARIABLE = L]	92	VSS	-	GND
43	VREF-	I	Not used	93	SCL5055	O	Clock for Inter IC (serial) bus : JCC5055 (DIST process)
44	AFT2	I	Not used : AFT voltage for sub tuner	94	VFORMATSEL	O	Digital tuner clock control
45	AFT1	I	AFT voltage for VHF/UHF tuner	95	SDA5055	I/O	Data for Inter IC (serial) bus : JCC5055 (DIST process)
46	KEY2	I	Key scan data for front switch (MENU/CH+/CH-)	96	OSD_MODE_SEL	O	Not used : OSD mode select
47	KEY1	I	Key scan data for front switch (VOL+/VOL-)	97	NC	O	Not used (NC)
48	NC	O	Not used (NC)	98	15K/OTH	O	Main video select [Fixed = H]
49	NC	O	Not used (NC)	99	DsyncSW1	O	Not used : Sync select for DIGITAL-IN [Controlled with 36-pin]
50	AC_IN	I	AC power pulse for timer clock	100	57 BUSY	I	Busy monitor for JCC5057 (New DIST process)

SECTION 3 DISASSEMBLY

3.1 DISASSEMBLY PROCEDURE

CAUTION AT DISASSEMBLY:

- Be sure to perform the **SYSTEM SETTING**, at the end of the procedure.
- Make sure that the power cord is disconnected from the outlet.
- Pay special attention not to break or damage the parts.
- When removing each board, remove the connectors as required. Taking notes of the connecting points (connector numbers) makes service procedure manageable.
- Make sure that there is no bent or stain on the connectors before inserting, and firmly insert the connectors.

3.1.1 REMOVING THE STAND (Fig.1)

- (1) Remove the 2 screws **[A]**, then remove the STAND COVER.
- (2) Remove the 2 screws **[Z]**, then remove the CABLE COVER.
- (3) Remove the 4 screws **[B]**, then remove the STAND.

3.1.7 REMOVING THE RECEIVER PWB (Fig.1)

- Remove the STAND.
- Remove the REAR COVER.
 - (1) Remove the 3 screws **[U]** and the 1 screw **[X]**, then remove the TUNER BASE.
 - (2) Remove the 4 screws **[O]**, then remove the RECEIVER PWB.

3.1.2 REMOVING THE REAR COVER (Fig.1)

- Remove the STAND.
 - (1) Remove the JACK COVER (L/R).
 - (2) Remove the 7 screws **[C]**, the 4 screws **[D]**, and the 1 screw **[E]**.
 - (3) Remove the REAR COVER.

3.1.8 REMOVING THE CONNECTOR PWB (Fig.1)

- Remove the STAND.
- Remove the REAR COVER.
 - (1) Remove the 4 screws **[P]**, then remove the RECEIVER PWB BRACKET.
 - (2) Remove the 1 screw **[Q]**, then remove the CONNECTOR PWB.

3.1.3 REMOVING THE REGULATOR PWB (Fig.1)

- Remove the STAND.
- Remove the REAR COVER.
 - (1) Remove the 4 screws **[F]**, then remove the FAN BRACKET.
 - (2) Remove the 1 screw **[G]**, then remove the POWER CORD HOLDER.
 - (3) Remove the POWER CORD from the POWER PWB.
 - (4) Remove the REGULATOR PWB.

3.1.9 REMOVING THE DIGITAL SIGNAL PWB (Fig.1)

- Remove the STAND.
- Remove the REAR COVER.
- Remove the TUNER BASE.
 - (1) Remove the 3 screws **[T]** and the 7 screws **[S]**, then remove the SHIELD COVER.
 - (2) Remove the 5 screws **[W]**, then remove the DIGITAL SIGNALPWB.

CAUTION:

Make sure to perform the "SYSTEM SETTING", when DIGITAL SIGNAL PWB is replaced.

3.1.4 REMOVING THE POWER PWB (Fig.1)

- Remove the STAND.
- Remove the REAR COVER.
- Remove the FAN BRACKET.

(1) Remove the 4 screw **[H]**, then remove the POWER PWB.

3.1.5 REMOVING THE ANALOG SYGNAL PWB (Fig.1)

- Remove the STAND.
- Remove the REAR COVER.
- Remove the FAN BRACKET.
 - (1) Remove the 3 screws **[J]** then remove the TERMINAL BASE.
 - (2) Remove the 5 screws **[K]** and the 2 screws **[Z]**, then remove the ANALOG SYGNAL PWB.

3.1.6 REMOVING THE FRONT CONTROL PWB (Fig.1)

- Remove the STAND.
- Remove the REAR COVER.
 - (1) Remove the 3 screws **[M]**, then remove the CONTROL ASSY with the FRONT CONTROL PWB.
 - (2) Remove the FRONT CONTROL PWB.

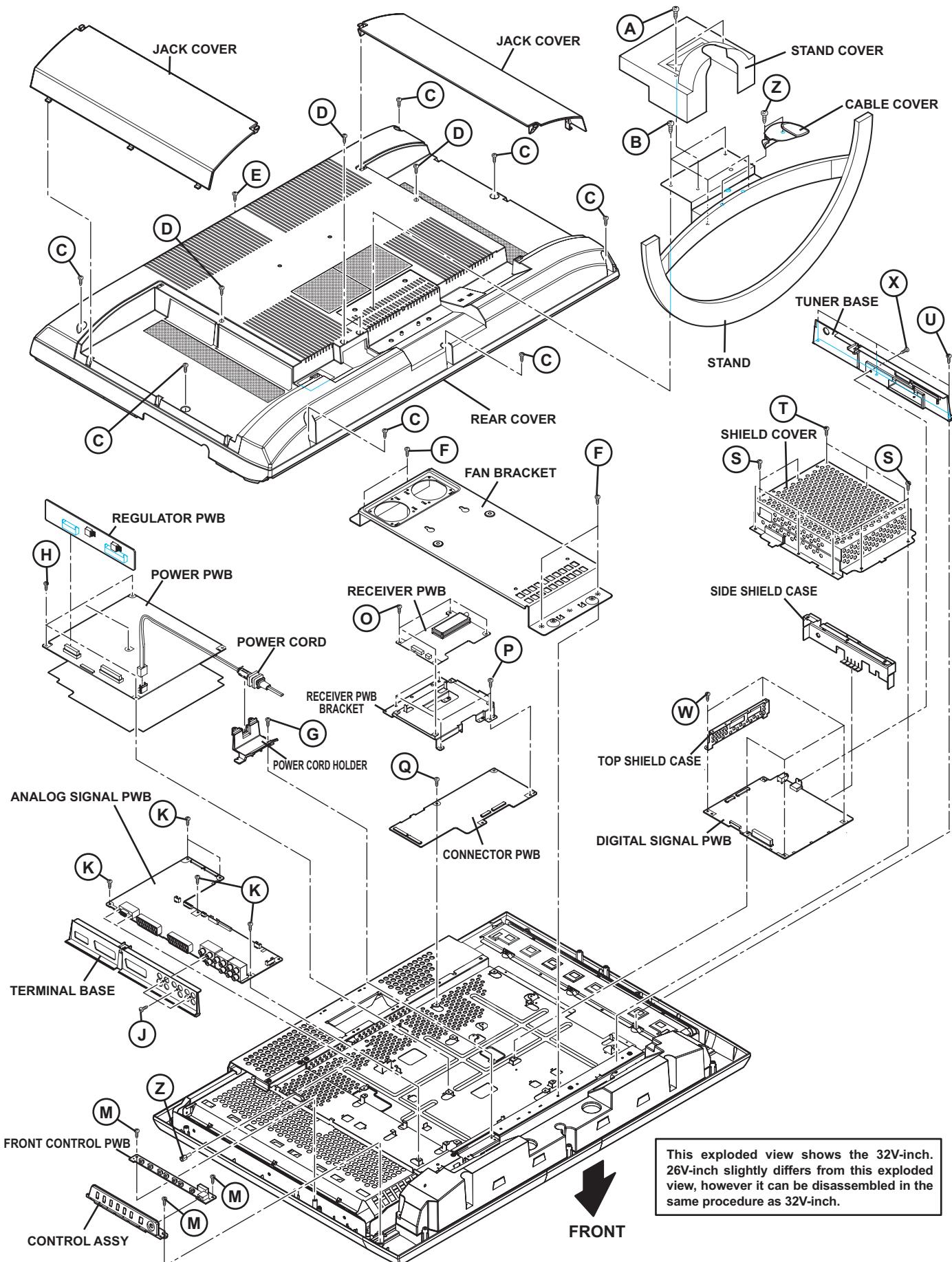


Fig.1

3.1.10 REMOVING THE SPEAKER (Fig.2)

- Remove the STAND.
- Remove the REAR COVER.
- (1) Remove the 7 screws **[A]**, then remove the SPEAKER BOX.
- (2) Remove the 4 screws **[B]**, then remove the SPEAKER (L/R).
- (3) Remove the 8 screws **[C]**, then remove the DUCT(L/R).

NOTE:

Since the speaker is attached in a certain direction, attach the speaker in the same correct direction as it has been attached.

3.1.11 REMOVING THE LCD PANEL UNIT (Fig.2)

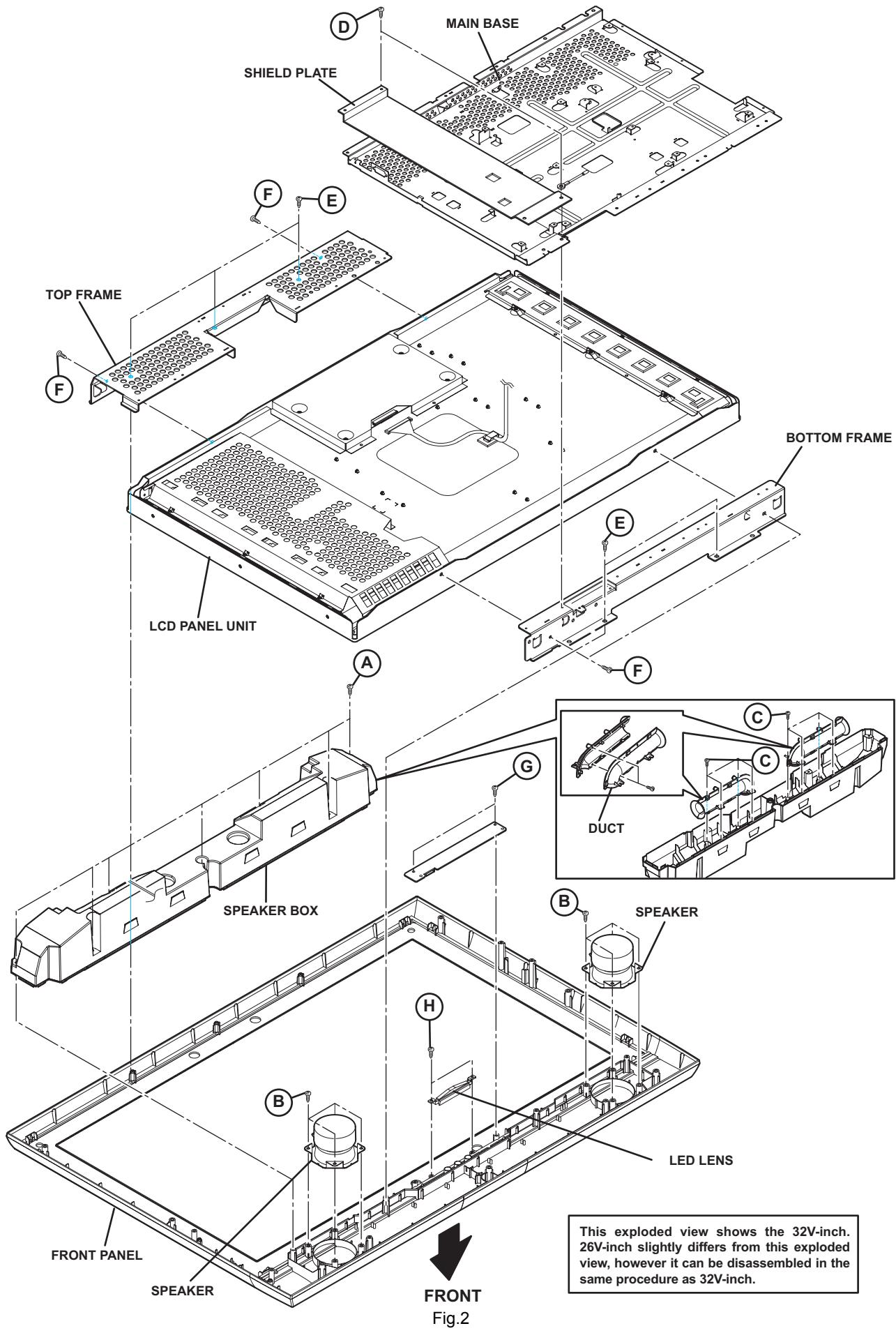
- Remove the STAND.
- Remove the REAR COVER.
- Remove the FAN BRACKET.
- (1) Remove the 2 screws **[D]**, then remove the MAIN BASE.
- (2) Remove the 5 screws **[E]**, then remove the LCD PANEL UNIT with the TOP FRAME and BOTTOM FRAME.
- (3) Remove the 4 screws **[F]**, then remove the TOP FRAME and BOTTOM FRAME from the LCD PANEL UNIT.

3.1.12 REMOVING THE FRONT LED PWB (Fig.2)

- Remove the STAND.
- Remove the REAR COVER.
- Remove the FAN BRACKET.
- (1) Remove the 2 screws **[G]**, then remove the FRONT LED PWB.

3.1.13 REMOVING THE LED LENS (Fig.2)

- Remove the STAND.
- Remove the REAR COVER.
- Remove the FAN BRACKET.
- (1) Remove the 2 screws **[H]**, then remove the LED LENS.



3.2 MEMORY IC REPLACEMENT

- This model uses the memory IC.
- This memory IC stores data for proper operation of the video and drive circuits.
- When replacing, be sure to use an IC containing this (initial value) data.

3.2.1 MEMORY IC REPLACEMENT PROCEDURE

1. Power off

Switch off the power and disconnect the power plug from the AC outlet.

2. Replace the memory IC

Be sure to use the memory IC written with the initial setting values.

3. Power on

Connect the power plug to the AC outlet and switch on the power.

4. Receiving channel setting

Refer to the OPERATING INSTRUCTIONS and set the receive channels (Channels Preset) as described.

5. User setting

Check the user setting items according to the given in page later. Where these do not agree, refer to the OPERATING INSTRUCTIONS and set the items as described.

6. SERVICE MODE setting

Verify what to set in the SERVICE MODE, and set whatever is necessary (Fig.1). Refer to the SERVICE ADJUSTMENT for setting.

3.2.2 SERVICE MODE SETTING

■SERVICE MODE SCREEN

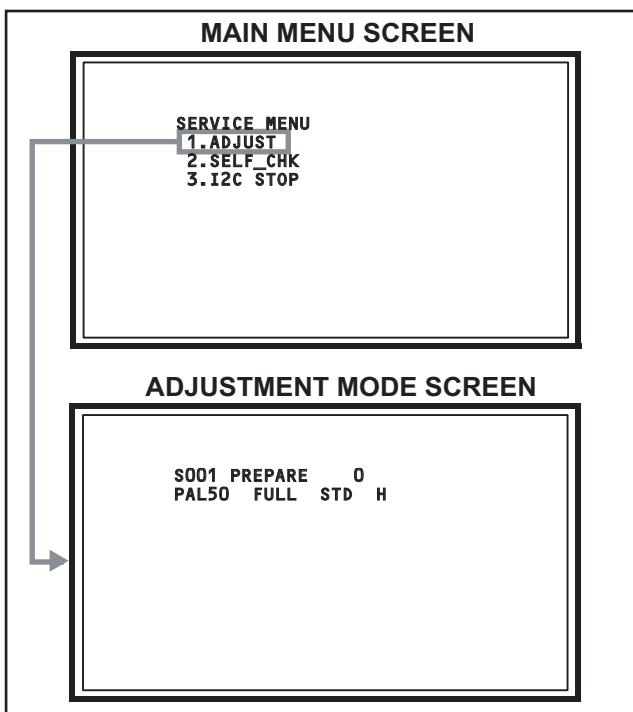


Fig.1

■SETTING ITEM

Setting items	Settings	Item No.
Video system setting	Adjust	S001 - S039
Audio system setting	Fixed	T001 - T010
Panel control system setting	Fixed	P001 - P010
Drive system setting	Fixed	D001 - D187
Main CPU system setting	Fixed	Z001 - Z010

3.2.3 SETTINGS OF FACTORY SHIPMENT

3.2.3.1 BUTTON OPERATION

Setting item	Setting position
POWER	Off
CHANNEL	PR1
VOLUME	10
TV/AV	TV

3.2.3.2 REMOTE CONTROL DIRECT OPERATION

Setting item	Setting position
CHANNEL	PR1
VOLUME	10
ZOOM	PANORAMIC
3D SOUND	OFF

3.2.3.3 REMOTE CONTROL MENU OPERATION

(1) PICTURE

Setting item	Setting position	
PICTURE MODE	BRIGHT	
COLOUR TEMP.	COOL	
FEATURES		
DIGITAL VNR	AUTO (LOW)	
Super DigiPure	AUTO	
MOVIE THEATRE	AUTO	
COLOUR MANAGEMENT	ON	
PICTURE MANAGEMENT	ON	
COLOUR SYSTEM	TV	Depends on PR/CH
	EXT	AUTO
4:3 AUTO ASPECT	PANORAMIC	

(2) SOUND

Setting item	Setting position
STEREO / I+II	Stereo sound
BASS	Centre
TREBLE	Centre
BALANCE	Centre
3D SOUND	OFF
A.H.B.	ON
BBE	ON

(4) FEATURES

Setting item	Setting position
SLEEP TIMER	OFF
CHILD LOCK	ID NO.0000, All CH off
APPEARANCE	TYPE D
BLUE BACK	ON
FAVOURITE SETTING	Reset
ILLUMINATION	BRIGHT

(5) SET UP

Setting item	Setting position
AUTO PROGRAM	TV channel automatically set
EDIT/MANUAL	PRESET CH only
LANGUAGE	ENGLISH
DECODER (EXT-2)	OFF
COMPONENT AUTO SELECT	ON
HDMI SETTING	AUTO
ATTENUATOR	OFF
EXT SETTING	
S-IN	BLANK
ID	BLANK
DUBBING	EXT-1 → EXT-2

3.3 REPLACEMENT OF CHIP COMPONENT

3.3.1 CAUTIONS

- (1) Avoid heating for more than 3 seconds.
- (2) Do not rub the electrodes and the resist parts of the pattern.
- (3) When removing a chip part, melt the solder adequately.
- (4) Do not reuse a chip part after removing it.

3.3.2 SOLDERING IRON

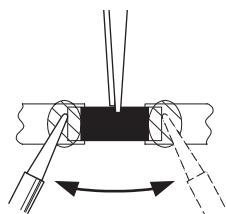
- (1) Use a high insulation soldering iron with a thin pointed end of it.
- (2) A 30w soldering iron is recommended for easily removing parts.

3.3.3 REPLACEMENT STEPS

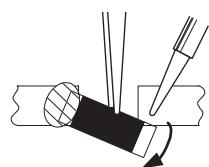
1. How to remove Chip parts

[Resistors, capacitors, etc.]

- (1) As shown in the figure, push the part with tweezers and alternately melt the solder at each end.



- (2) Shift with the tweezers and remove the chip part.

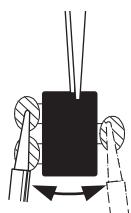


[Transistors, diodes, variable resistors, etc.]

- (1) Apply extra solder to each lead.



- (2) As shown in the figure, push the part with tweezers and alternately melt the solder at each lead. Shift and remove the chip part.



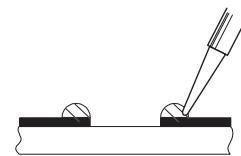
NOTE :

After removing the part, remove remaining solder from the pattern.

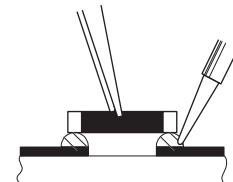
2. How to install Chip parts

[Resistors, capacitors, etc.]

- (1) Apply solder to the pattern as indicated in the figure.

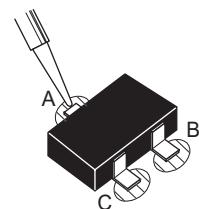


- (2) Grasp the chip part with tweezers and place it on the solder. Then heat and melt the solder at both ends of the chip part.

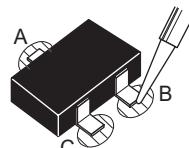


[Transistors, diodes, variable resistors, etc.]

- (1) Apply solder to the pattern as indicated in the figure.
- (2) Grasp the chip part with tweezers and place it on the solder.
- (3) First solder lead **A** as indicated in the figure.



- (4) Then solder leads **B** and **C**.



SECTION 4 ADJUSTMENT

4.1 ADJUSTMENT PREPARATION

- (1) There are 2 ways of adjusting this TV : One is with the REMOTE CONTROL UNIT and the other is the conventional method using adjustment parts and components.
- (2) The adjustment using the REMOTE CONTROL UNIT is made on the basis of the initial setting values. The setting values which adjust the screen to the optimum condition can be different from the initial setting values.
- (3) Make sure that connection is correctly made AC to AC power source.
- (4) Turn on the power of the TV and measuring instruments for warming up for at least 30 minutes before starting adjustments.
- (5) If the receive or input signal is not specified, use the most appropriate signal for adjustment.
- (6) Never touch the parts (such as variable resistors, transformers and condensers) not shown in the adjustment items of this service adjustment.

4.2 PRESET SETTING BEFORE ADJUSTMENTS

Unless otherwise specified in the adjustment items, preset the following functions with the REMOTE CONTROL UNIT.

Setting item	Settings position
PICTURE MODE	STANDARD
PICTURE adjustments	Centre
COLOUR TEMP.	NORMAL
DIGITAL VNR	AUTO (LOW)
Super DigiPure	AUTO
MOVIE THEATRE	AUTO
COLOUR MANAGEMENT	ON
PICTURE MANAGEMENT	ON
SOUND adjustments	Centre
BBE	OFF
3D SOUND	OFF
A.H.B	OFF
ZOOM	FULL

4.3 MEASURING INSTRUMENT AND FIXTURES

- Oscilloscope
- Signal generator (Pattern generator)
[PAL / 625i / 625p / 1125i(50Hz)]
- Remote control unit

4.4 ADJUSTMENT ITEMS

■

VIDEO CIRCUIT

- 625i A-D OFFSET adjustment
- 1125i(50Hz) BRIGHTNESS adjustment
- 1125i(50Hz) A-D OFFSET adjustment
- SUB SCREEN A-D OFFSET adjustment
- WHITE BALANCE (HIGH LIGHT) adjustment

4.5 BASIC OPERATION OF SERVICE MODE

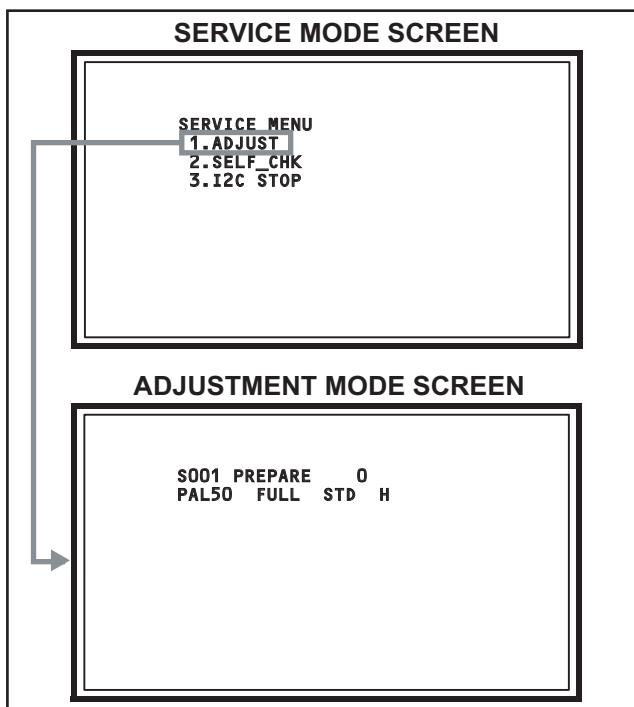
4.5.1 HOW TO ENTER THE SERVICE MODE

- (1) Press [INFORMATION] key and [MUTING] key on the remote control unit simultaneously to enter the SERVICE MODE SCREEN.
- (2) In the SERVICE MENU, press the [1] key to display ADJUSTMENT MODE SCREEN.

NOTE:

- Before entering the SERVICE MODE, confirm that the setting of VCR/TV/DVD switch is at the "TV" side. If the switches have not been properly set, you cannot enter the SERVICE MODE.
- When a number key other than the [1] key is pressed in the SERVICE MODE SCREEN, the other relevant screen may be displayed.

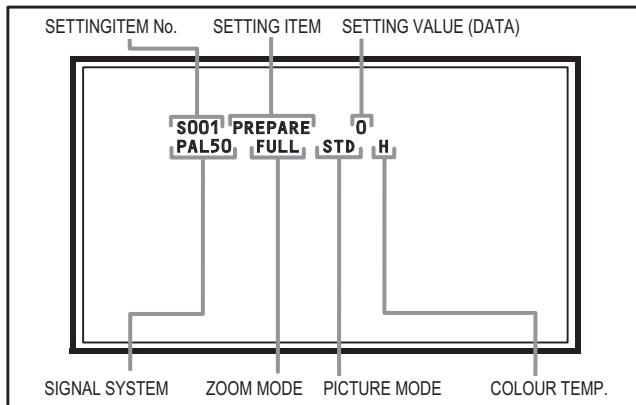
This is not used in the adjustment procedure. Press the [MENU] key to return to the SERVICE MODE SCREEN.



4.5.2 HOW TO EXIT THE SERVICE MODE

Press the [MENU] key to exit the Service mode.

4.5.3 DESCRIPTION OF STATUS DISPLAY



(1) SIGNAL SYSTEM

The signal displayed on the screen is displayed.

- PAL50 : PAL50Hz (Composite / S-video)
- PAL60 : PAL60Hz (Composite / S-video)
- SECAM : SECAM
- NTSC3 : NTSC3.58
- NTSC4 : NTSC4.43
- 525I : 525i (Component)
- 525P : 525p
- 625I : 625i (Component)
- 625P : 625p
- 1125I5 : 1125i 50Hz
- 1125I6 : 1125i 60Hz
- RGB5 : RGB 525i
- RGB6 : RGB 625i
- PCVGA : PC (VGA)
- PCXGA : PC (XGA)
- H525I : HDMI 525i
- H525P : HDMI 525p
- H625I : HDMI 625i
- H625P : HDMI 625p
- H750P : HDMI 750p
- H125I5 : HDMI 1125i 50Hz
- H125I6 : HDMI 1125i 60Hz

(2) ZOOM MODE

State of the SCREEN SIZE or MULTI PICTURE is displayed.

SINGLE SCREEN

- FULL : FULL
- PANO : PANORAMIC
- 1609 : 16:9 ZOOM
- 1609S : 16:9 ZOOM SUBTITLE
- 1409 : 14:9 ZOOM
- REGU : REGULAR

MULTI SCREEN

- M2 : 2-pictures multi
- M12 : 12-pictures multi

(3) PICTURE MODE

- STD : STANDARD
- BRI : BRIGHT
- SOFT : SOFT

(4) COLOUR TEMP.

- H : COOL
- M : NORMAL
- L : WARM

(5) SETTING ITEM NAME

Setting item name are displayed. The setting item numbers to be displayed are listed below.

Item No.	Setting item
S001 to S039	Video system setting
T001 to T010	Audio system setting
P001 to P010	Panel control system setting
D001 to D187	Drive system setting
Z001 to Z010	Main CPU system setting

(6) SETTING ITEM NO.

Setting item numbers are displayed. For the setting item names to be displayed, refer to "INITIAL SETTING VALUES IN THE SERVICE MODE".

(7) SETTING VALUE (DATA)

The SETTING VALUE is displayed.

4.5.4 CHANGE AND MEMORY OF SETTING VALUE

SELECTION OF SETTING ITEM

- [FUNCTION $\blacktriangle/\blacktriangledown$] key.
For scrolling up / down the setting items.

S001... \leftrightarrow T001... \leftrightarrow P001... \leftrightarrow D001... \leftrightarrow Z001...

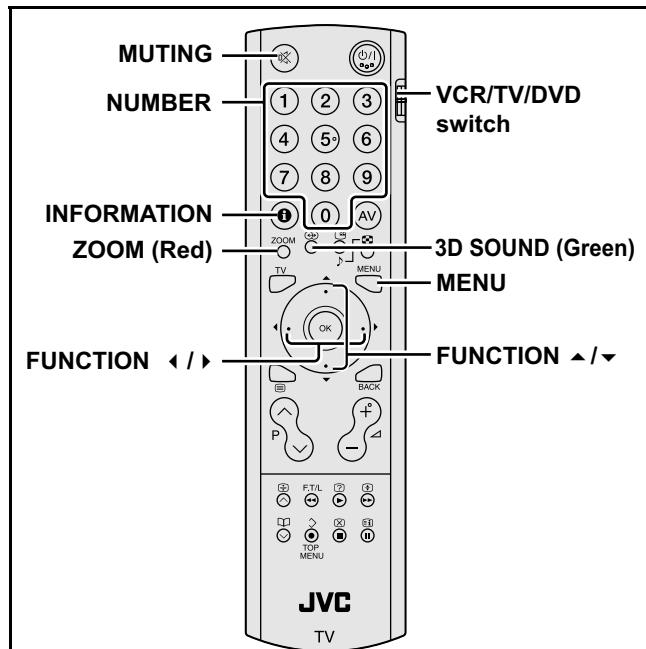
CHANGE OF SETTING VALUE (DATA)

- [FUNCTION $\blacktriangle/\blacktriangleright$] key.
For scrolling up / down the setting values.

MEMORY OF SETTING VALUE (DATA)

Changed setting value is memorized by pressing [MUTING] key.

4.5.5 SERVICE MODE SELECT KEY LOCATION



4.6 INITIAL SETTING VALUES IN THE SERVICE MODE

- Perform fine-tuning based on the "initial values" using the remote control when in the Service mode.
- The "initial values" serve only as an indication rough standard and therefore the values with which optimal display can be achieved may be different from the default values. But, don't change the values that are not written in "ADJUSTMENT PROCEDURE". They are fixed values.

4.6.1 VIDEO SYSTEM SETTING

Item No.	Item name	Variable range	Setting value
S001	PREPARE	0 - 31	0
S002	NTSC BL	0 - 15	0
S003	NTSC CNT	0 - 255	53
S004	NT CR OF	0 - 15	6
S005	NT CB OF	0 - 15	6
S006	525i BL	0 - 15	0
S007	525i CNT	0 - 255	53
S008	5i CB OF	0 - 15	0
S009	5i CR OF	0 - 15	0
S010	5i CR GN	0 - 15	6
S011	5i CB GN	0 - 15	6
S012	HD BL	0 - 63	60
S013	HD CB OF	0 - 63	59
S014	HD CR OF	0 - 63	56
S015	RT CONT	0 - 15	8
S016	RT CB OF	0 - 15	7
S017	RT CR OF	0 - 15	6
S018	RT CL GA	0 - 15	1
S019	PC CL MB	0 - 7	0
S020	PC CL LB	0 - 31	0
S021	PC CL MR	0 - 71	0
S022	PC CL LR	0 - 31	0
S023	(Not display)	0 - 255	0
S024	(Not display)	0 - 255	0
S025	(Not display)	0 - 255	0
S026	(Not display)	0 - 255	0
S027	(Not display)	0 - 255	0
S028	(Not display)	0 - 255	0
S029	(Not display)	0 - 255	0
S030	R DRIVE	0 - 255	133
S031	G DRIVE	0 - 255	126
S032	B DRIVE	0 - 255	112
S033	(Not display)	0 - 255	0
S034	(Not display)	0 - 255	0
S035	(Not display)	0 - 255	0
S036	(Not display)	0 - 255	0
S037	(Not display)	0 - 255	0
S038	(Not display)	0 - 255	0
S039	ILA COM	0 - 1	0

4.6.2 AUDIO SYSTEM SETTING (*Fixed values)

Item No.	Item name	Variable range	Setting value
T001	IN LEVEL	0 - 255	0
T002	LOW SEP	0 - 255	0
T003	HIGH SEP	0 - 255	0
T004	AFC	0 - 255	0
T005	(Not display)	0 - 255	0
T006	ATT V ON	0 - 1	0
T007	ATT U ON	0 - 1	0
T008	ATT C ON	0 - 1	0
T009	(Not display)	0 - 255	0
T010	(Not display)	0 - 255	0

4.6.3 PANEL CONTROL SYSTEM SETTING (*Fixed values)

Item No.	Item name	Variable range	Setting value
P001	TM HOR H	00 - FF	00
P002	TM HOR L	00 - FF	00
P003	TM MIN	00 - FF	00
P004	TEMP	0 - 255	0
P005	(Not display)	0 - 255	0
P006	(Not display)	0 - 255	0
P007	(Not display)	0 - 255	0
P008	(Not display)	0 - 255	0
P009	(Not display)	0 - 255	0
P010	(Not display)	0 - 255	0

4.6.4 DRIVE SYSTEM SETTING (*Fixed values)

Item No.	Item name	Variable range	Setting value
D001	SLV GN	00 - 3F	18
D002	SLVH GN	00 - 3F	18
D003	SLH GN	00 - 3F	18
D004	SLV Pf	00 - 03	01
D005	SLH Pf H	00 - 01	01
D006	SLH Pf L	00 - 03	01
D007	SL EGCON	00 - 3F	08
D008	SL EGONF	00 - 01	01
D009	SL CRGON	00 - 3F	06
D010	SL CRGON	00 - 01	01
D011	SL ON OF	00 - 01	01
D012	SV GN	00 - 3F	0A
D013	SVH GN	00 - 3F	12
D014	SH GN	00 - 3F	12
D015	SV Pf	00 - 03	01
D016	SV PfH	00 - 01	01
D017	SV PfL	00 - 03	01
D018	SYL CON	00 - 3F	20
D019	SYL CONF	00 - 01	01

Item No.	Item name	Variable range	Setting value
D020	SYH CON	00 - 3F	00
D021	SYH CONF	00 - 01	01
D022	SC CON	00 - 3F	1A
D023	SC CNONF	00 - 01	01
D024	SPM BLC	00 - 3F	02
D025	SPM BLCO	00 - 01	01
D026	SLIM	00 - 3F	30
D027	SLIMONF	00 - 01	01
D028	SCRG	00 - 3F	08
D029	SRGONF	00 - 01	01
D030	S ONF	00 - 01	01
D031	pb GN	00 - 3F	15
D032	pb PfH	00 - 01	01
D033	pb PfL	00 - 03	00
D034	pb CRG	00 - 3F	04
D035	pb CRGON	00 - 01	01
D036	pb ONF	00 - 01	01
D037	pr GN	00 - 3F	15
D038	pr PfH	00 - 01	01
D039	pr PfL	00 - 03	00
D040	pr CRG	00 - 3F	05
D041	pr CRGON	00 - 01	01
D042	pr ONF	00 - 01	01
D043	ENH ONF	00 - 01	01
D044	(Not display)	00 - FF	00
D045	(Not display)	00 - FF	00
D046	(Not display)	00 - FF	00
D047	(Not display)	00 - FF	00
D048	(Not display)	00 - FF	00
D049	(Not display)	00 - FF	00
D050	(Not display)	00 - FF	00
D051	(Not display)	00 - FF	00
D052	(Not display)	00 - FF	00
D053	(Not display)	00 - FF	00
D054	(Not display)	00 - FF	00
D055	(Not display)	00 - FF	00
D056	(Not display)	00 - FF	00
D057	(Not display)	00 - FF	00
D058	(Not display)	00 - FF	00
D059	(Not display)	00 - FF	00
D060	(Not display)	00 - FF	00
D061	(Not display)	00 - FF	00
D062	(Not display)	00 - FF	00
D063	(Not display)	00 - FF	00
D064	(Not display)	00 - FF	00
D065	(Not display)	00 - FF	00
D066	(Not display)	00 - FF	00
D067	(Not display)	00 - FF	00
D068	(Not display)	00 - FF	00
D069	(Not display)	00 - FF	00

Item No.	Item name	Variable range	Setting value
D070	(Not display)	00 - FF	00
D071	(Not display)	00 - FF	00
D072	(Not display)	00 - FF	00
D073	(Not display)	00 - FF	00
D074	(Not display)	00 - FF	00
D075	(Not display)	00 - FF	00
D076	(Not display)	00 - FF	00
D077	(Not display)	00 - FF	00
D078	(Not display)	00 - FF	00
D079	(Not display)	00 - FF	00
D080	(Not display)	00 - FF	00
D081	(Not display)	00 - FF	00
D082	(Not display)	00 - FF	00
D083	(Not display)	00 - FF	00
D084	(Not display)	00 - FF	00
D085	(Not display)	00 - FF	00
D086	(Not display)	00 - FF	00
D087	(Not display)	00 - FF	00
D088	(Not display)	00 - FF	00
D089	(Not display)	00 - FF	00
D090	(Not display)	00 - FF	00
D091	(Not display)	00 - FF	00
D092	(Not display)	00 - FF	00
D093	(Not display)	00 - FF	00
D094	(Not display)	00 - FF	00
D095	(Not display)	00 - FF	00
D096	(Not display)	00 - FF	00
D097	(Not display)	00 - FF	00
D098	(Not display)	00 - FF	00
D099	(Not display)	00 - FF	00
D100	(Not display)	00 - FF	00
D101	(Not display)	00 - FF	00
D102	(Not display)	00 - FF	00
D103	(Not display)	00 - FF	00
D104	(Not display)	00 - FF	00
D105	(Not display)	00 - FF	00
D106	(Not display)	00 - FF	00
D107	(Not display)	00 - FF	00
D108	(Not display)	00 - FF	00
D109	(Not display)	00 - FF	00
D110	(Not display)	00 - FF	00
D111	(Not display)	00 - FF	00
D112	(Not display)	00 - FF	00
D113	(Not display)	00 - FF	00
D114	(Not display)	00 - FF	00
D115	(Not display)	00 - FF	00
D116	(Not display)	00 - FF	00
D117	(Not display)	00 - FF	00
D118	(Not display)	00 - FF	00
D119	(Not display)	00 - FF	00

Item No.	Item name	Variable range	Setting value
D120	(Not display)	00 - FF	00
D121	(Not display)	00 - FF	00
D122	(Not display)	00 - FF	00
D123	(Not display)	00 - FF	00
D124	(Not display)	00 - FF	00
D125	(Not display)	00 - FF	00
D126	(Not display)	00 - FF	00
D127	(Not display)	00 - FF	00
D128	(Not display)	00 - FF	00
D129	(Not display)	00 - FF	00
D130	(Not display)	00 - FF	00
D131	(Not display)	00 - FF	00
D132	(Not display)	00 - FF	00
D133	(Not display)	00 - FF	00
D134	(Not display)	00 - FF	00
D135	(Not display)	00 - FF	00
D136	(Not display)	00 - FF	00
D137	(Not display)	00 - FF	00
D138	(Not display)	00 - FF	00
D139	(Not display)	00 - FF	00
D140	(Not display)	00 - FF	00
D141	(Not display)	00 - FF	00
D142	(Not display)	00 - FF	00
D143	(Not display)	00 - FF	00
D144	(Not display)	00 - FF	00
D145	(Not display)	00 - FF	00
D146	(Not display)	00 - FF	00
D147	(Not display)	00 - FF	00
D148	(Not display)	00 - FF	00
D149	(Not display)	00 - FF	00
D150	(Not display)	00 - FF	00
D151	(Not display)	00 - FF	00
D152	(Not display)	00 - FF	00
D153	(Not display)	00 - FF	00
D154	(Not display)	00 - FF	00
D155	(Not display)	00 - FF	00
D156	(Not display)	00 - FF	00
D157	(Not display)	00 - FF	00
D158	(Not display)	00 - FF	00
D159	(Not display)	00 - FF	00
D160	(Not display)	00 - FF	00
D161	(Not display)	00 - FF	00
D162	(Not display)	00 - FF	00
D163	(Not display)	00 - FF	00
D164	(Not display)	00 - FF	00
D165	(Not display)	00 - FF	00
D166	(Not display)	00 - FF	00
D167	(Not display)	00 - FF	00
D168	(Not display)	00 - FF	00
D169	(Not display)	00 - FF	00

Item No.	Item name	Variable range	Setting value
D170	(Not display)	00 - FF	00
D171	(Not display)	00 - FF	00
D172	(Not display)	00 - FF	00
D173	(Not display)	00 - FF	00
D174	(Not display)	00 - FF	00
D175	(Not display)	00 - FF	00
D176	(Not display)	00 - FF	00
D177	(Not display)	00 - FF	00
D178	(Not display)	00 - FF	00
D179	(Not display)	00 - FF	00
D180	(Not display)	00 - FF	00
D181	(Not display)	00 - FF	00
D182	(Not display)	00 - FF	00
D183	(Not display)	00 - FF	00
D184	(Not display)	00 - FF	00
D185	(Not display)	00 - FF	00
D186	(Not display)	00 - FF	00
D187	(Not display)	00 - FF	00

4.6.5 MAIN CPU SYSTEM SETTING (*Fixed values)

Item No.	Item name	Variable range	Setting value
Z001	(Not display)	00 - FF	00
Z002	(Not display)	00 - FF	00
Z003	(Not display)	00 - FF	00
Z004	(Not display)	00 - FF	00
Z005	(Not display)	00 - FF	00
Z006	(Not display)	00 - FF	00
Z007	(Not display)	00 - FF	00
Z008	(Not display)	00 - FF	00
Z009	(Not display)	00 - FF	00
Z010	(Not display)	00 - FF	00

4.7 ADJUSTMENT PROCEDURE

4.7.1 VIDEO CIRCUIT

Item	Measuring instrument	Test point	Adjustment part	Description
625i A-D OFFSET	Remote control unit Signal generator		<p>[1.ADJUST] S001: PREPARE (Adjustment setting mode change)</p> <p>S008: 5i CB OF(625i cb offset) S009: 5i CR OF(625i cr offset)</p> <p>S030: R DRIVE(Red drive) S031: G DRIVE(Green drive) S032: B DRIVE(Blue drive)</p>	<p>(1) Receive a 625i component ramp pattern signal. (2) Set PICTURE MODE to "STANDARD". (3) Set ZOOM to "FULL". (4) Set COLOUR TEMP. to "NORMAL". (5) Select "1.ADJUST" from the SERVICE MODE. (6) Set < S030 > (R DRIVE), < S031 > (G DRIVE) and < S032 > (B DRIVE) to "133". (7) Set < S001 > (adjustment setting mode change) to set "8" and it change to the 625i A-D offset adjustment setting mode. (8) Adjust < S008 > (625i Cb offset) and < S009 > (625i Cr offset) to lose the gap (red line, green line and blue line) which appears at both ends of a white part at the centre of the screen. (9) Set < S001 > to set "0" and it change to the normal mode. (10) Press the [MUTING] key to memoirze the set value.</p>
1125i (50Hz) BRIGHTNESS	Remote control unit Signal generator		<p>[1.ADJUST] S001: PREPARE (Adjustment setting mode change)</p> <p>S012: HD BL(1125i brightness)</p> <p>S030: R DRIVE(Red drive) S031: G DRIVE(Green drive) S032: B DRIVE(Blue drive)</p>	<p>(1) Receive a 1125i (50Hz) gray scale pattern signal. (2) Set PICTURE MODE to "STANDARD". (3) Set ZOOM to "FULL". (4) Set COLOUR TEMP. to "NORMAL". (5) Select "1.ADJUST" from the SERVICE MODE. (6) Set < S030 > (R DRIVE), < S031 > (G DRIVE) and < S032 > (B DRIVE) to "133". (7) Set < S001 > (adjustment setting mode change) to set the values "12" and it change to the 1125i black level adjustment setting mode. (8) Adjust < S012 > (1125i brightness) to set the 0% black part in the upper half of the screen to be brightest. (9) Set < S001 > to set "0" and it change to the normal mode. (10) Press the [MUTING] key to memoirze the set value.</p>
1125i (50Hz) A-D OFFSET	Remote control unit Signal generator		<p>[1.ADJUST] S001: PREPARE (Adjustment setting mode change)</p> <p>S013: HD CB OF(1125i cb offset) S014: HD CR OF(1125i cr offset)</p> <p>S030: R DRIVE(Red drive) S031: G DRIVE(Green drive) S032: B DRIVE(Blue drive)</p>	<p>(1) Receive a 1125i (50Hz) 30% all white pattern signal. (2) Set PICTURE MODE to "STANDARD". (3) Set ZOOM to "FULL". (4) Set COLOUR TEMP. to "NORMAL". (5) Select "1.ADJUST" from the SERVICE MODE. (6) Set < S030 > (R DRIVE), < S031 > (G DRIVE) and < S032 > (B DRIVE) to "133". (7) Set < S001 > (adjustment setting mode change) to set "13" and it change to the 1125i A-D offset adjustment setting mode. (8) Adjust < S013 > (1125i Cb offset) to minimize the blue noise in the upper half of the screen. (9) Set < S014 > (1125i Cr offset) to minimize the blue noise in the upper half of the screen. (10) Set < S001 > to set "0" and it change to the normal mode. (11) Press the [MUTING] key to memoirze the set value.</p>

Item	Measuring instrument	Test point	Adjustment part	Description
SUB SCREEN A-D OFFSET	Remote control unit Signal generator		<p>[1.ADJUST] S001: PREPARE (Adjustment setting mode change)</p> <p>S016: RT CB OF (Sub screen cb offset) S017: RT CR OF (Sub screen cr offset)</p> <p>S030: R DRIVE(Red drive) S031: G DRIVE(Green drive) S032: B DRIVE(Blue drive)</p>	<p>(1) Set PICTURE MODE to "STANDARD". (2) Set ZOOM" to "FULL". (3) Set COLOUR TEMP. to "NORMAL". (4) Set MULTI SCREEN to "2 pictures". (5) Receive a PAL 30% all white pattern signal on the Right screen. At the same time, set the Left screen in VIDEO-1 mode (No signal). (6) Select "1.ADJUST" from the SERVICE MODE. (7) Set < S030 > (R DRIVE), < S031 > (G DRIVE) and < S032 > (B DRIVE) to "133". (8) Set < S001 > (adjustment setting mode change) to set "17" and it change to the sub screen A-D offset adjustment setting mode. (9) Adjust < S016 > (Sub screen cb offset) to minimize the blue noise in the upper half of the screen. If you select an adjustment item < S016 >, then the screen automatically turn to twin pictures mode. (10) Adjust < S017 > (Sub screen cr offset) to minimize the red noise in the upper half of the screen. (11) Readjust < S016 > and < S017 > to set the upper half of the screen to be the blackest. (12) Set < S001 > to set "0" and it change to the normal mode. (13) Press the [MUTING] key to memoirze the set value.</p>
WHITE BALANCE (HIGHLIGHT)	Remote control unit Signal generator		<p>[1.ADJUST] S030: R DRIVE (Red drive) S031: G DRIVE (Green drive) S032: B DRIVE (Blue drive)</p>	<p>(1) Receive a PAL 75% all white signal. (2) Set PICTURE MODE to "STANDARD". (3) Set ZOOM to "FULL". (4) Set COLOUR TEMP. to "NORMAL". (5) Select "1.ADJUST" from the SERVICE MODE. (6) Adjust to Keep one of < S030 > (Red drive), < S031 > (Green drive) or < S032 > (Blue drive) unchanged, then lower the other two so that the all-white screen is equally white throughout.</p> <p>NOTE: Set one or more of < S030 >, < S031 >, and < S032 > to "85". (7) Check that white balance is properly tracked from low light to high light. If the white balance tracking is deviated, adjust to correct it. (8) Press the [MUTING] key to memoirze the set value.</p>

SECTION 5

TROUBLESHOOTING

5.1 SELF CHECK FEATURE

5.1.1 OUTLINE

This unit comes with the "Self check" feature, which checks the operational state of the circuit and displays/saves it during failure. Diagnosis is performed when power is turned on, and information input to the main microcomputer is monitored at all time. Diagnosis is displayed in 2 ways via screen display and LED flashes. Failure detection is based on input state of I²C bus and the various control lines connected to the main microcomputer.

5.1.2 HOW TO ENTER THE SELF CHECK MODE

Before entering the SERVICE MODE, confirm that the setting of VCR/TV/ DVD switch is at the "TV" side. If the switches have not been properly set, you cannot enter the SERVICE MODE.

- (1) Press the [INFORMATION] key and [MUTING] key simultaneously, then enter the SERVICE MODE.
- (2) Press the [2] key SELF CHECK MODE.
- (3) Press the [RED (ZOOM)] key to enter Page 2 of the SELF CHECK MODE.

*Use the [GREEN (3D SOUND)] key to toggle between Page 1 and Page 2.

NOTE:

When a number key other than the [2] key is pressed in the SERVICE MODE screen, the other relevant screen may be displayed.

This is not used in the SELF CHECK MODE. Press the [MENU] key to return to the MAIN MENU SCREEN.

5.1.3 HOW TO EXIT THE SELF CHECK MODE

To Save Failure History:

Turn off the power by unplugging the AC power cord plug when in the Self check display mode.

To Clear (Reset) Failure History:

Turn off the power by pressing the [POWER] key on the remote control unit when in the Self check display mode.

5.1.4 FAILURE HISTORY

Failure history can be counted up to 9 times for each item. When the number exceeds 9, display will remain as 9. Failure history will be stored in the memory unless it has been deleted.

NOTE:

Only SYNC (with/without sync signals) will be neither counted nor stored.

5.1.5 POINTS TO NOTE WHEN USING THE SELF CHECK FEATURE

In addition to circuit failures (abnormal operation), the following cases may also be diagnosed as "Abnormal" and displayed and counted as "NG".

- (1) Temporary defective transmissions across circuits due to pulse interruptions
- (2) Misalignment in the on/off timing of power for I²C bus (VCC) when turning on/off the main power.

Diagnosis may be impeded if a large number of items are displayed as "NG". As such, start Self check check only after 3 seconds in the case of receivers and 5 seconds in the case of panels upon turning on the power. If recurrences are expected, ensure to clear (reset) the failure history and record the new diagnosis results.

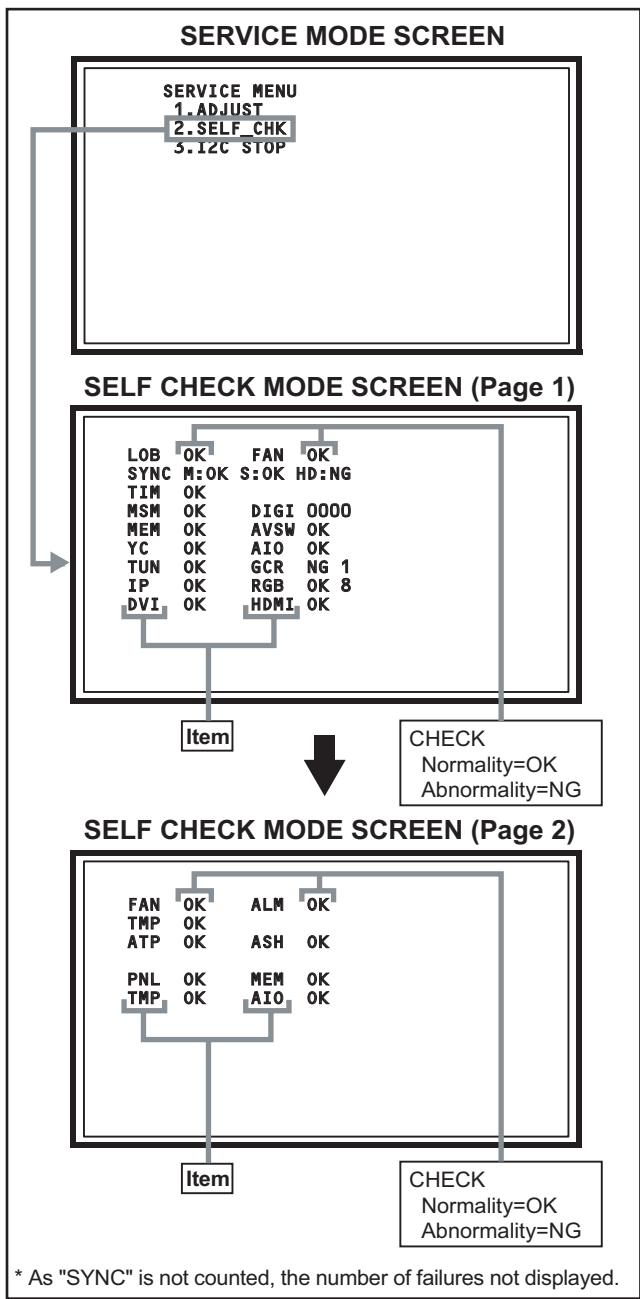


Fig.1

5.1.6 DETAILS

Self check is performed for the following items:

< Page 1 of screen >

Detection item	Display	Detection content	Diagnosis signal (line)	Detection timing
Low bias line short protection	LOB	Confirmation of operation of the low bias (2.5V / 3.3V / 5V / 9V) protection circuit. Q9801 , Q9822 [REGULATOR PWB]	LB_PRO	Detection starts 3 seconds after the power is turned on. If error continues between 400ms the power is turned off.
Abnormal rise of temperature in audio circuit	FAN	Confirmation of the temperature of audio circuit. TH6661 [ANALOG SIGNAL PWB]	SDA	Detection starts 3 seconds after the power is turned on. If the temperature of 90°C is detected for 3 seconds the power is turned off.
Presence of sync signal	SYNC	Confirmation of presence of video sync signal. M : Main sync signal S : Sub sync signal HD : Component sync signal IC201 [ANALOG SIGNAL PWB]	SDA	Confirmation of presence of sync signal in video signal.
AC power input	TIM	Not used.	---	---
Main CPU communication	MSM	Not used.	---	---
Digital tuner	DIGI	Not used.	---	---
Main memory	MEM	Confirmation of reply of ACK signal which uses I ² C communication. IC7602 [DIGITAL SIGNAL PWB]	SDA	Same as above.
AV select switch	AVSW	Same as above. IC301 , IC501 [ANALOG SIGNAL PWB]	SDA	Same as above.
3 dimensions YC separator	YC	Not used.	---	---
Multi sound process	AIO	Not used.	---	---
RF tuner	TUN	Confirmation of reply of ACK signal which uses I ² C communication. TU3001 [RECEIVER PWB]	SDA	If it checks whenever I ² C communication is performed and no reply of ACK signal an error will be counted.
Ghost reduction	GCR	Not used.	---	---
DIST process	IP	Confirmation of reply of ACK signal which uses I ² C communication. IC3001 [DIGITAL SIGNAL PWB]	SDA	If it checks whenever I ² C communication is performed and no reply of ACK signal an error will be counted.
RGB process	RGB	Confirmation of reply of ACK signal which uses I ² C communication. IC3001 [DIGITAL SIGNAL PWB]	SDA	If it checks whenever I ² C communication is performed and no reply of ACK signal an error will be counted.
DVI (Digital communication)	DVI	Not used.	---	---
Digital input	HDMI	Confirmation of reply of ACK signal which uses I ² C communication.	SDA	If it checks whenever I ² C communication is performed and no reply of ACK signal an error will be counted.

Detection item	Display	Detection content	Diagnosis signal (line)	Detection timing
Fan lock	FAN	Not used.	---	---
Abnormal of operation of PANEL	ALM	Not used.	---	---
Abnormal rise of temperature in PANEL	TMP	Not used.	---	---
Abnormal rise of temperature in audio circuit	ATP	Not used.	---	---
Short circuit detection of audio circuit	ASH	Not used.	---	---
Panel communication	PNL	Not used.	---	---
Sub memory	MEM	Not used.	---	---
Temp. sensor	TMP	Not used.	---	---
Audio control	AIO	Confirmation of reply of ACK signal which uses I ² C communication. IC6521 [ANALOG SIGNAL PWB]	SDA	If it checks whenever I ² C communication is performed and no reply of ACK signal an error will be counted.

5.1.7 METHOD OF DISPLAY WHEN A RASTER IS NOT OUTPUT

In the state where a raster is not output by breakdown of the set, an error is displayed by blink of the POWER LED.

Type of error	POWER LED flash cycle
Low bias line short protection	Low luminance blue turnig on and off at 1 second intervals.
Abnormal rise of temperature in audio circuit	High luminance blue turnig on and off at 0.1 second intervals.

< Explanation of operation >

If error is detected, the power is turned off.

Shortly after a power is turned off, POWER LED will be blinked.

Power cannot be turned on until the power cord takes out and inserts, after a power is turned off.



Victor Company of Japan, Limited

AV & MULTIMEDIA COMPANY DISPLAY CATEGORY 12, 3-chome, Moriya-cho, Kanagawa-ku, Yokohama-city, Kanagawa-prefecture, 221-8528, Japan

(No.YA296)

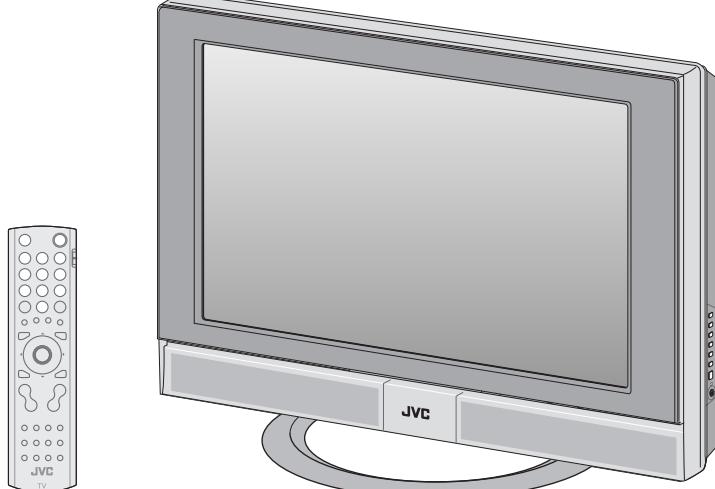
JVC

SCHEMATIC DIAGRAMS

WIDE LCD PANEL TELEVISION

**LT-26S60BU, LT-26S60SU,
LT-32S60BU, LT-32S60SU**

CD-ROM No.SML200506



BASIC CHASSIS
FL2

DynaPiX
Powered by D.I.S.T.
InteriArt
T-VLINK
BBE
HDMI
HIGH-DEFINITION MULTIMEDIA INTERFACE

LT-26S60BU, LT-26S60SU, LT-32S60BU, LT-32S60SU STANDARD CIRCUIT DIAGRAM

■ NOTE ON USING CIRCUIT DIAGRAMS

1.SAFETY

The components identified by the  symbol and shading are critical for safety. For continued safety replace safety critical components only with manufacturers recommended parts.

2.SPECIFIED VOLTAGE AND WAVEFORM VALUES

The voltage and waveform values have been measured under the following conditions.

(1)Input signal	: Colour bar signal
(2)Setting positions of each knob/button and variable resistor	: Original setting position when shipped
(3)Internal resistance of tester	: DC 20kΩ/V
(4)Oscilloscope sweeping time	: H ⇒ 20μs / div : V ⇒ 5ms / div : Others ⇒ Sweeping time is specified
(5)Voltage values	: All DC voltage values

* Since the voltage values of signal circuit vary to some extent according to adjustments, use them as reference values.

3.INDICATION OF PARTS SYMBOL [EXAMPLE]

● In the PW board : R209 → R209

4.INDICATIONS ON THE CIRCUIT DIAGRAM

(1)Resistors

● Resistance value

No unit	: [Ω]
K	: [kΩ]
M	: [MΩ]

● Rated allowable power

No indication	: 1/16 [W]
Others	: As specified

● Type

No indication	: Carbon resistor
OMR	: Oxide metal film resistor
MFR	: Metal film resistor
MPR	: Metal plate resistor
UNFR	: Uninflammable resistor
FR	: Fusible resistor

* Composition resistor 1/2 [W] is specified as 1/2S or Comp.

(2)Capacitors

● Capacitance value

1 or higher	: [pF]
less than 1	: [μF]

● Withstand voltage

No indication	: DC50[V]
Others	: DC withstand voltage [V]
AC indicated	: AC withstand voltage [V]

* Electrolytic Capacitors

47/50[Example]: Capacitance value [μF]/withstand voltage[V]

● Type

No indication	: Ceramic capacitor
MM	: Metalized mylar capacitor
PP	: Polypropylene capacitor
MPP	: Metalized polypropylene capacitor
MF	: Metalized film capacitor
TF	: Thin film capacitor
BP	: Bipolar electrolytic capacitor
TAN	: Tantalum capacitor

(3)Coils

No unit	: [μH]
Others	: As specified

(4)Power Supply

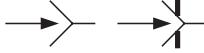
	: B1		: B2 (12V)
	: 9V		: 5V

* Respective voltage values are indicated

(5)Test point

	: Test point		: Only test point display
---	--------------	---	---------------------------

(6)Connecting method

	: Connector		: Wrapping or soldering
	: Receptacle		

(7)Ground symbol

	: LIVE side ground
	: ISOLATED(NEUTRAL) side ground
	: EARTH ground
	: DIGITAL ground

5.NOTE FOR REPAIRING SERVICE

This model's power circuit is partly different in the GND. The difference of the GND is shown by the LIVE : () side GND and the ISOLATED(NEUTRAL) : () side GND. Therefore, care must be taken for the following points.

- (1)Do not touch the LIVE side GND or the LIVE side GND and the ISOLATED(NEUTRAL) side GND simultaneously. if the above caution is not respected, an electric shock may be caused. Therefore, make sure that the power cord is surely removed from the receptacle when, for example, the chassis is pulled out.
- (2)Do not short between the LIVE side GND and ISOLATED(NEUTRAL) side GND or never measure with a measuring apparatus measure with a measuring apparatus (oscilloscope, etc.) the LIVE side GND and ISOLATED(NEUTRAL) side GND at the same time. If the above precaution is not respected, a fuse or any parts will be broken.

◆ Since the circuit diagram is a standard one, the circuit and circuit constants may be subject to change for improvement without any notice.

NOTE

◆ Due improvement in performance, some part numbers show in the circuit diagram may not agree with those indicated in the part list.
When ordering parts, please use the numbers that appear in the Parts List.

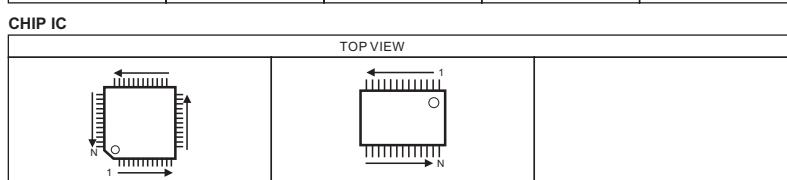
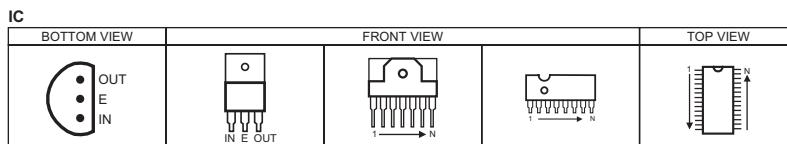
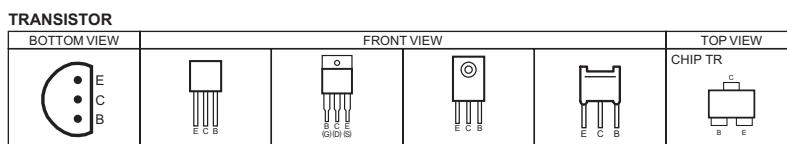
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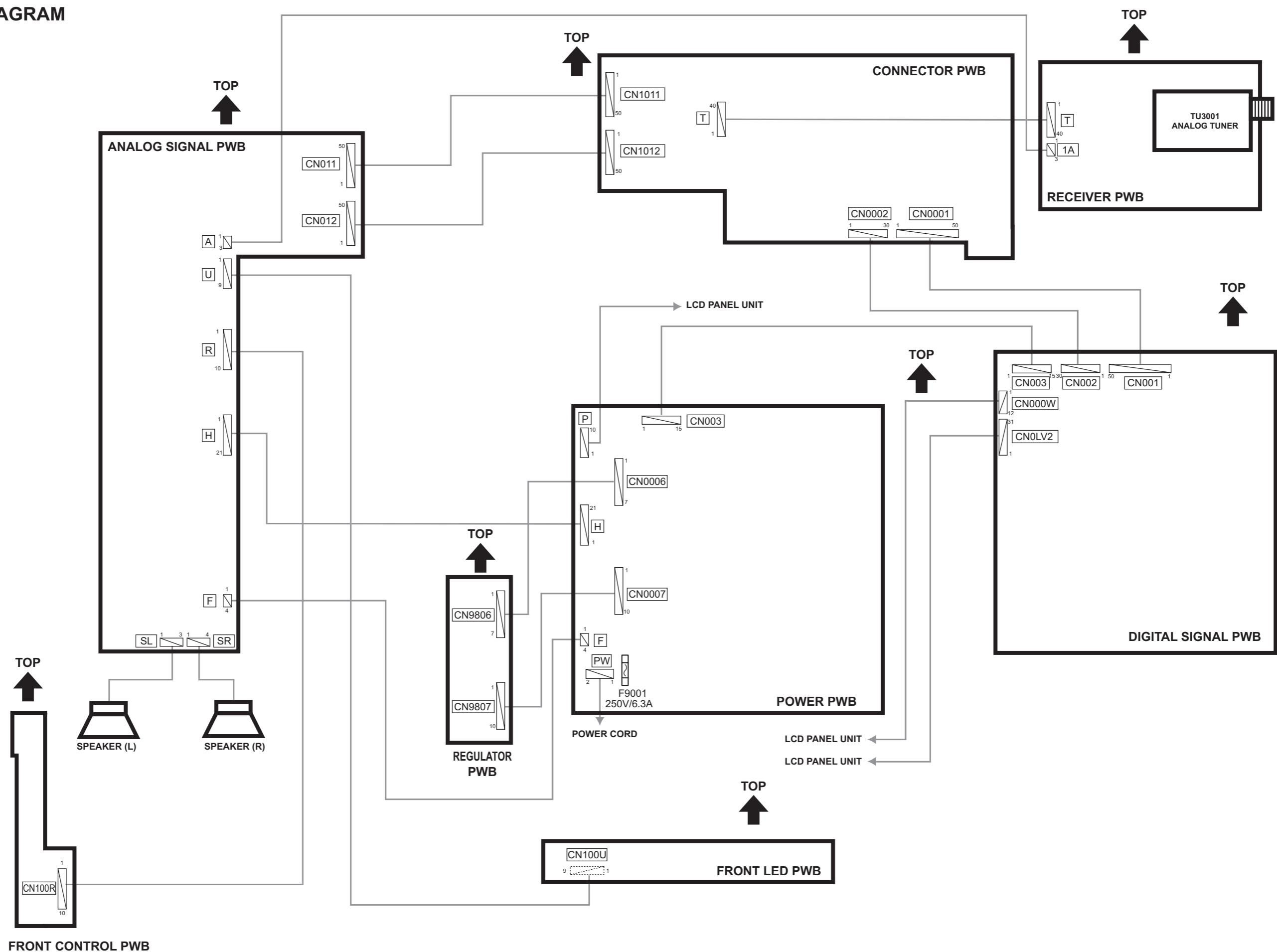
USING P.W. BOARD

P.W.B ASS'Y name	LT-26S60BU	LT-26S60SU	LT-32S60BU	LT-32S60SU
ANALOG SIGNAL P.W. BOARD	SFL-1112A-U2	←	←	←
CONNECTOR P.W. BOARD	SFL-4112A-U2	←	←	←
FRONT CONTROL P.W. BOARD	SFL-7111A-U2	←	←	←
FRONT LED P.W. BOARD	SFL-8133A-U2	←	←	←
POWER P.W. BOARD	SFL-9028A-U2	←	←	←
REGULATOR P.W. BOARD	SFL-9128A-U2	←	←	←
DIGITAL SIGNAL P.W. BOARD	SFL0D236A-U2	←	SFL0D235A-U2	←
RECEIVER P.W. BOARD	SFL0F204A-U2	←	←	←

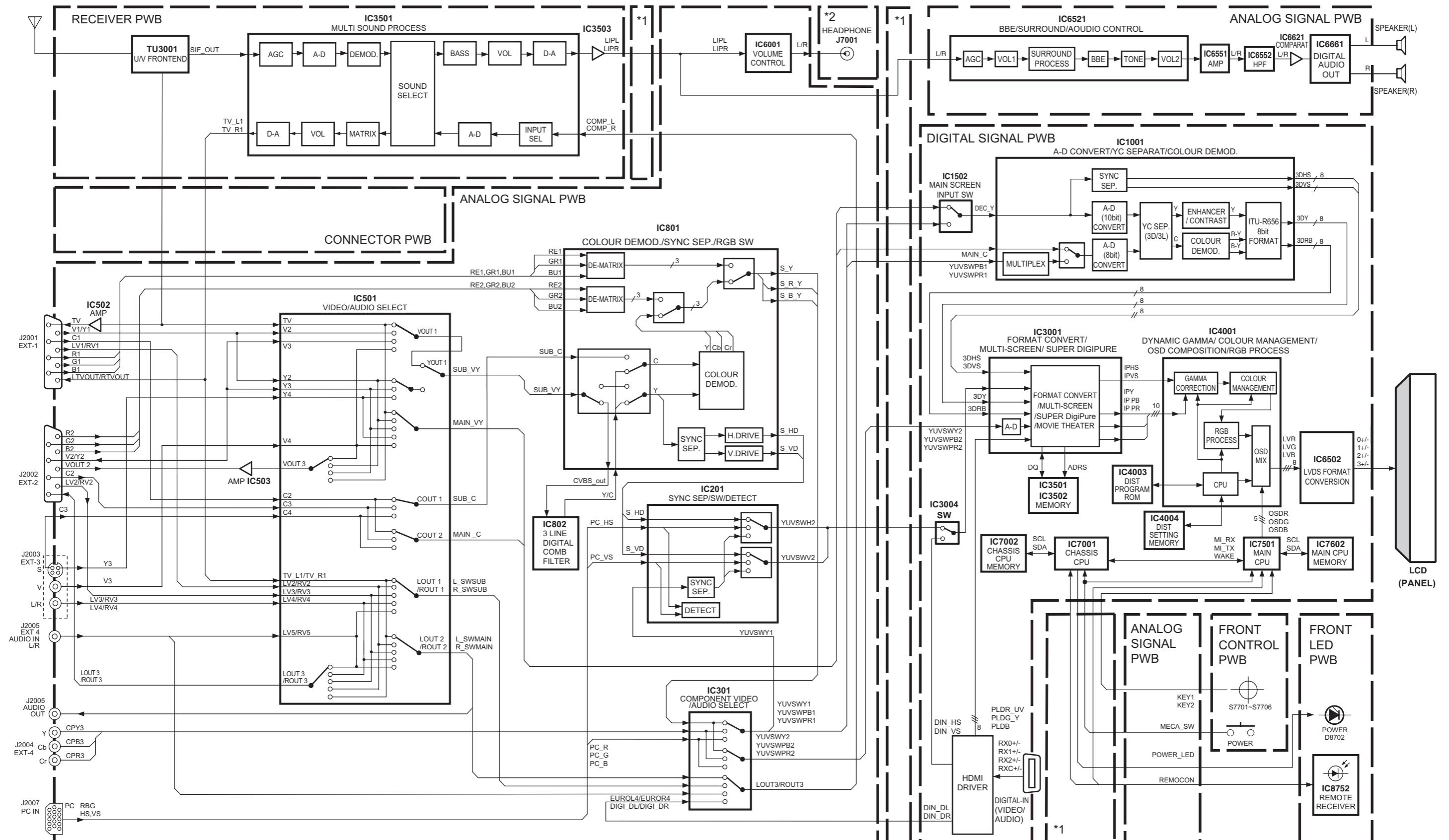
SEMICONDUCTOR SHAPES



WIRING DIAGRAM



BLOCK DIAGRAM



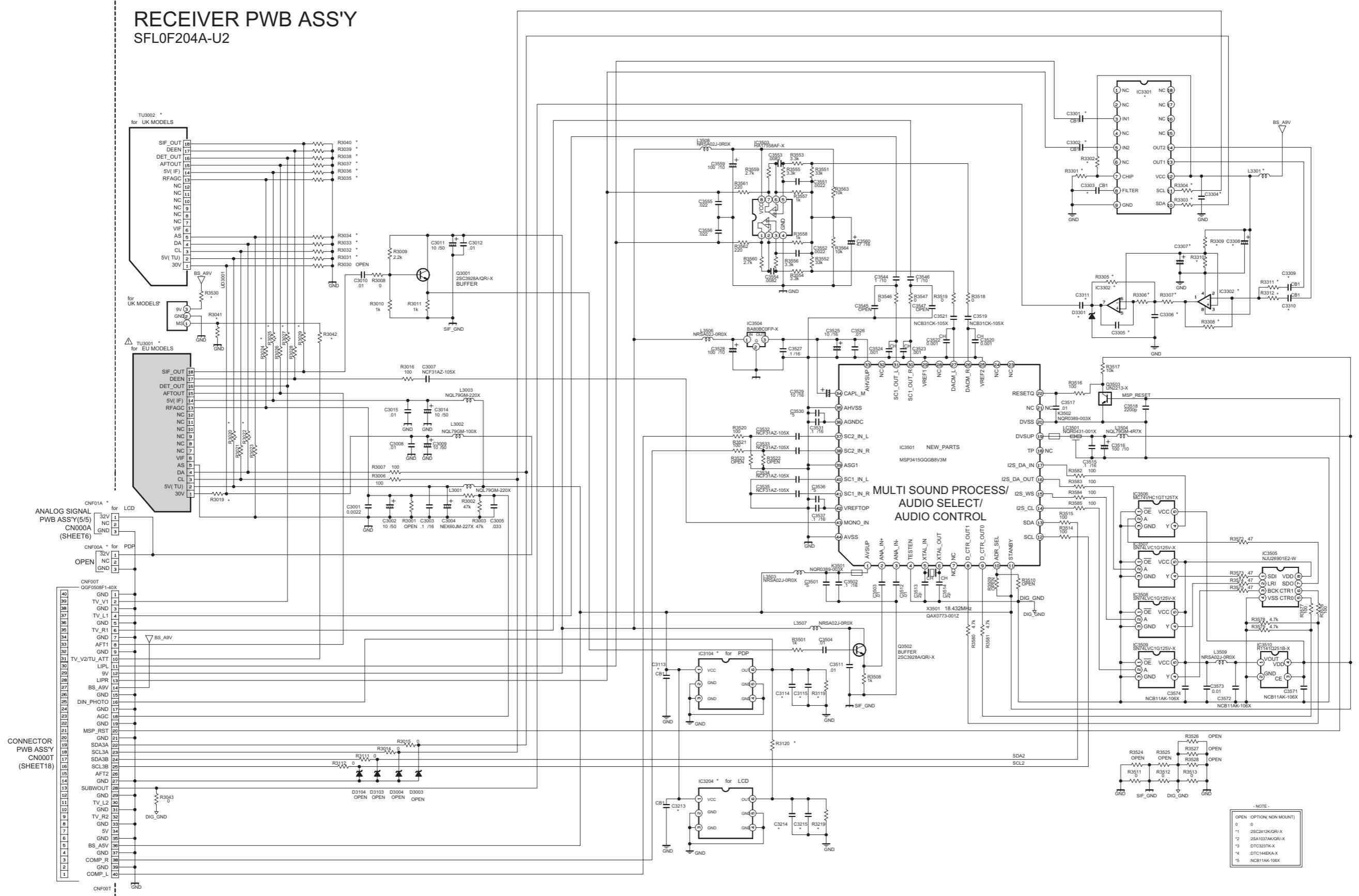
*1 : CONNECTOR PWB

*2 : FRONT CONTROL PWB

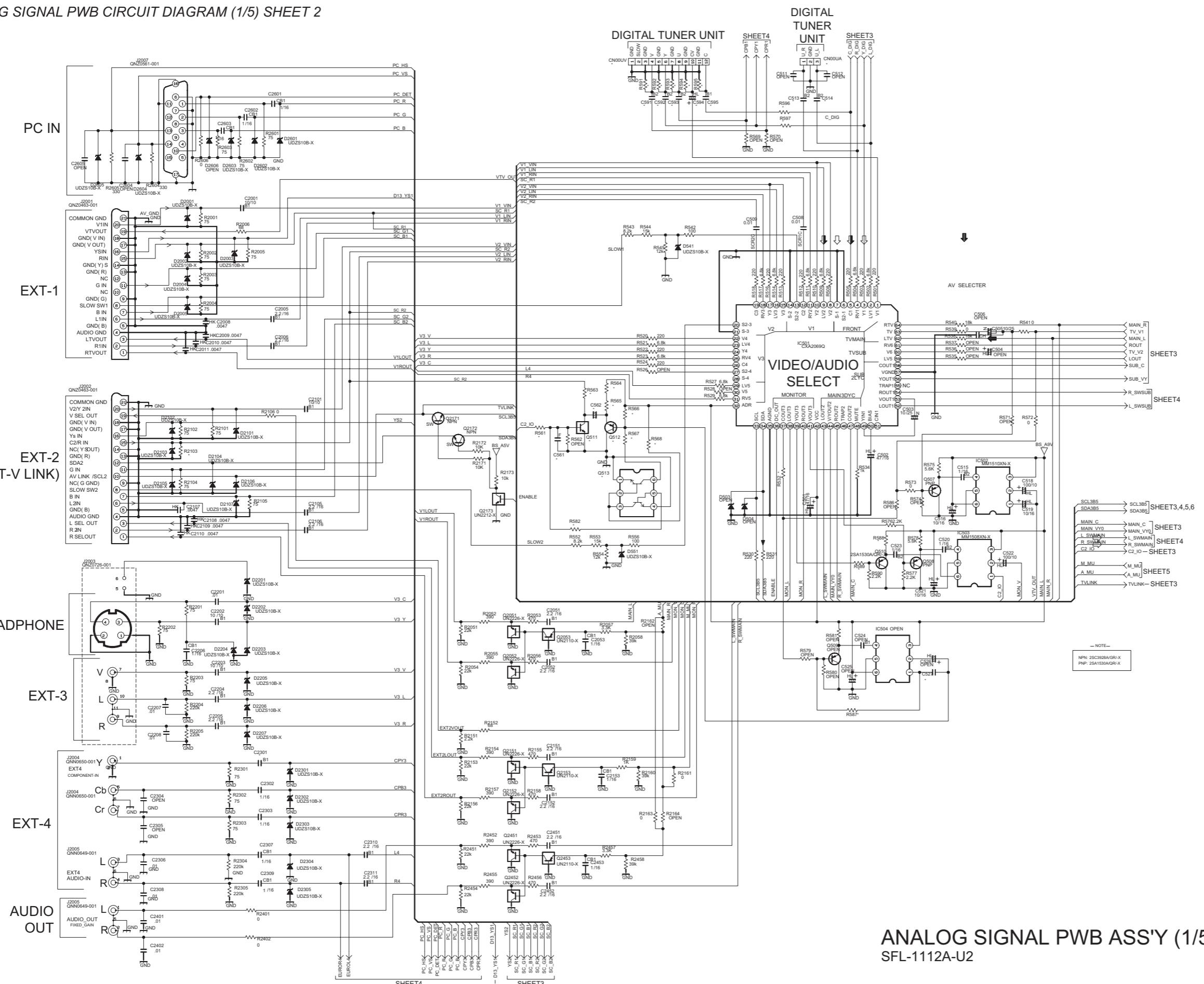
CIRCUIT DIAGRAMS

RECEIVER PWB CIRCUIT DIAGRAM SHEET 1

RECEIVER PWB ASS'Y SFL0F204A-U2

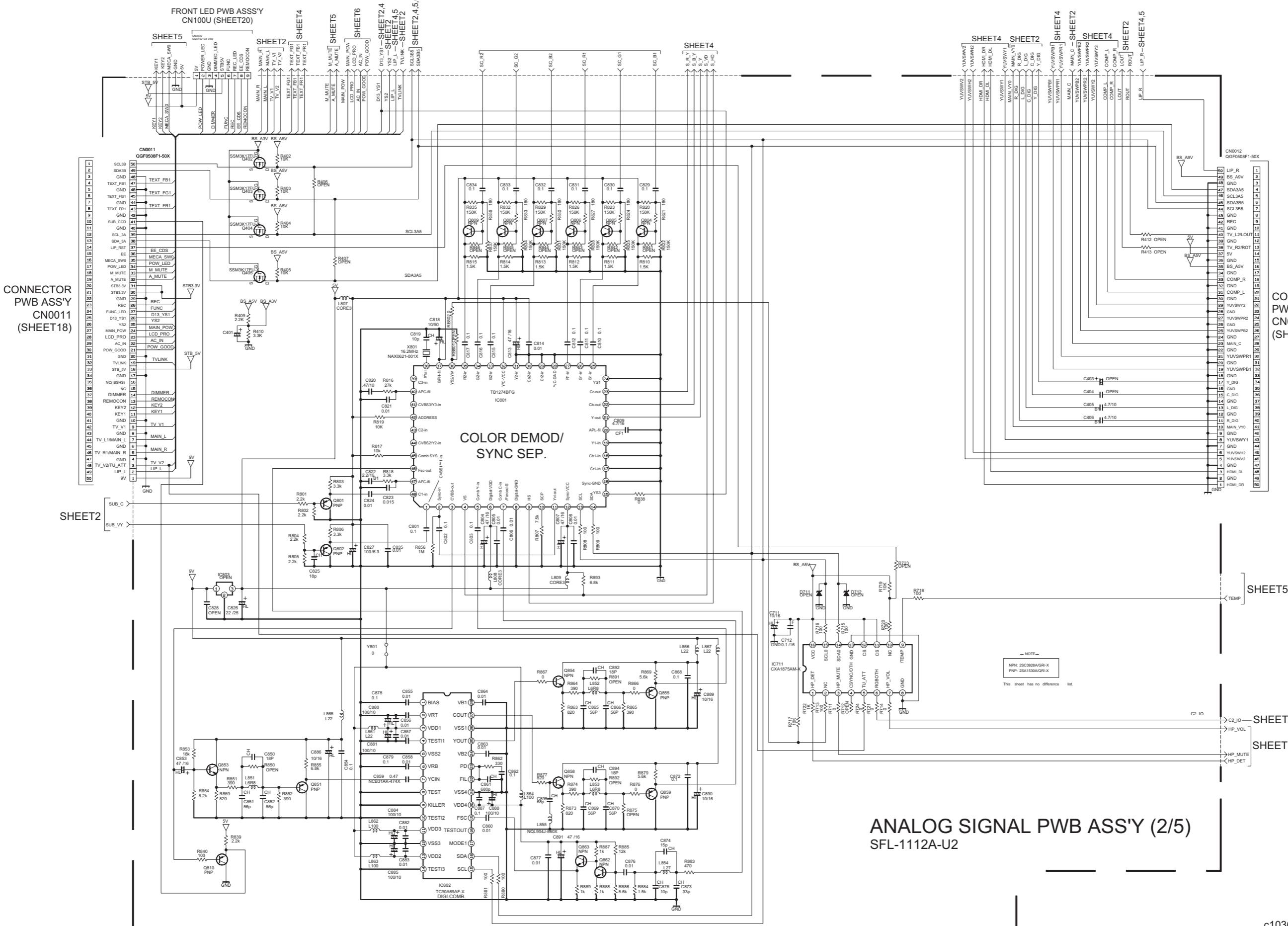


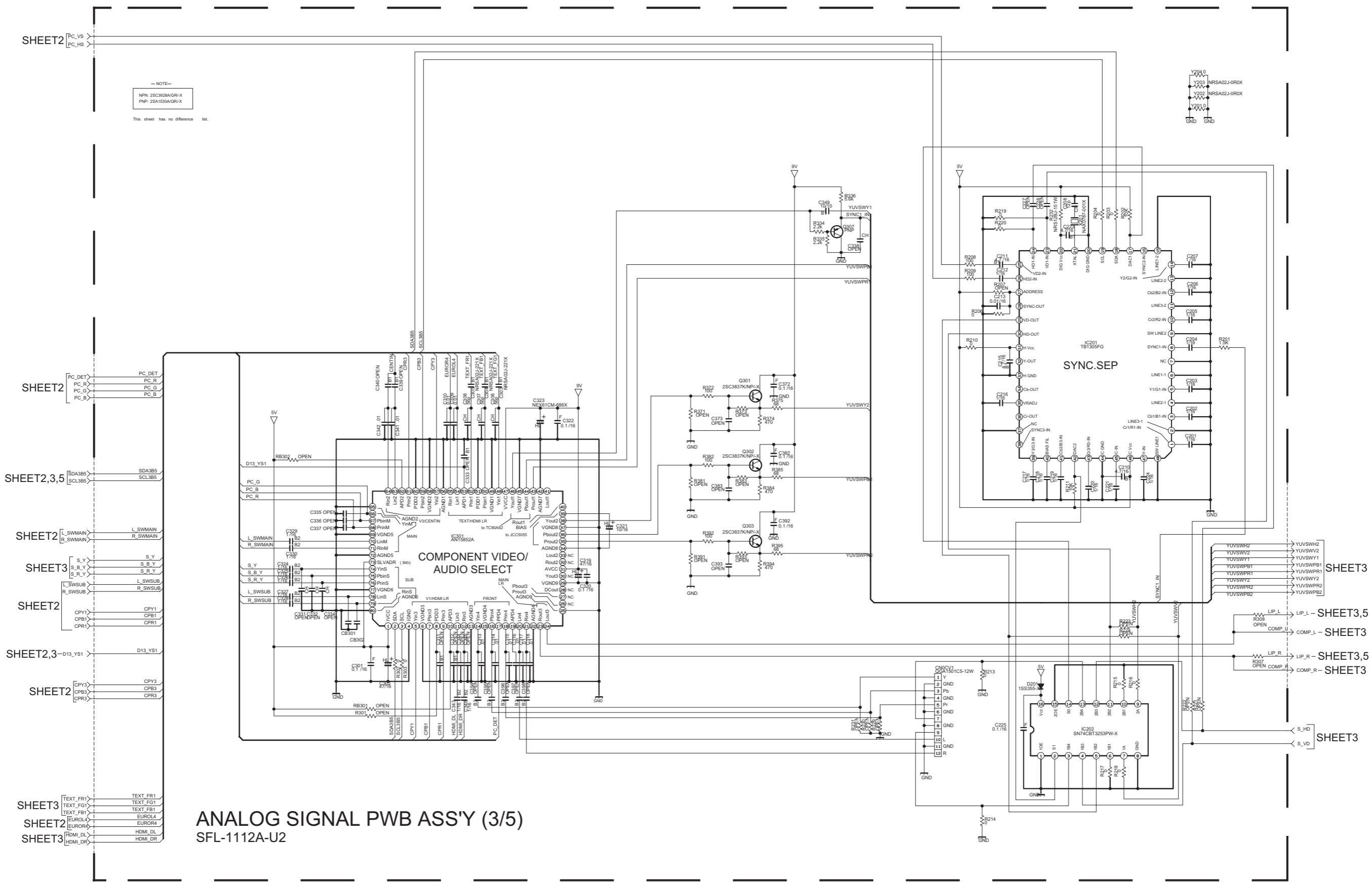
ANALOG SIGNAL PWB CIRCUIT DIAGRAM (1/5) SHEET 2



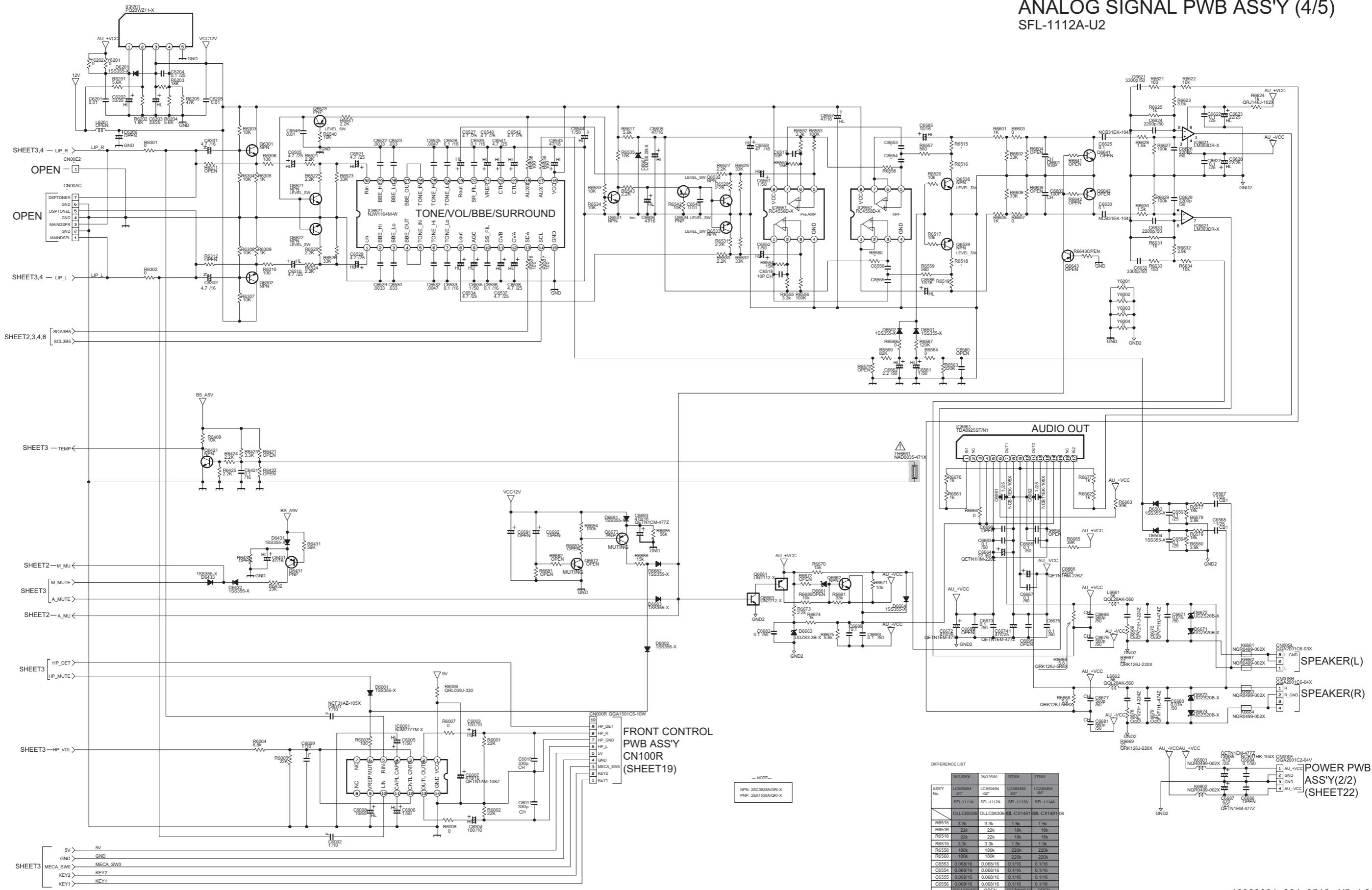
ANALOG SIGNAL PWB ASS'Y (1/5)

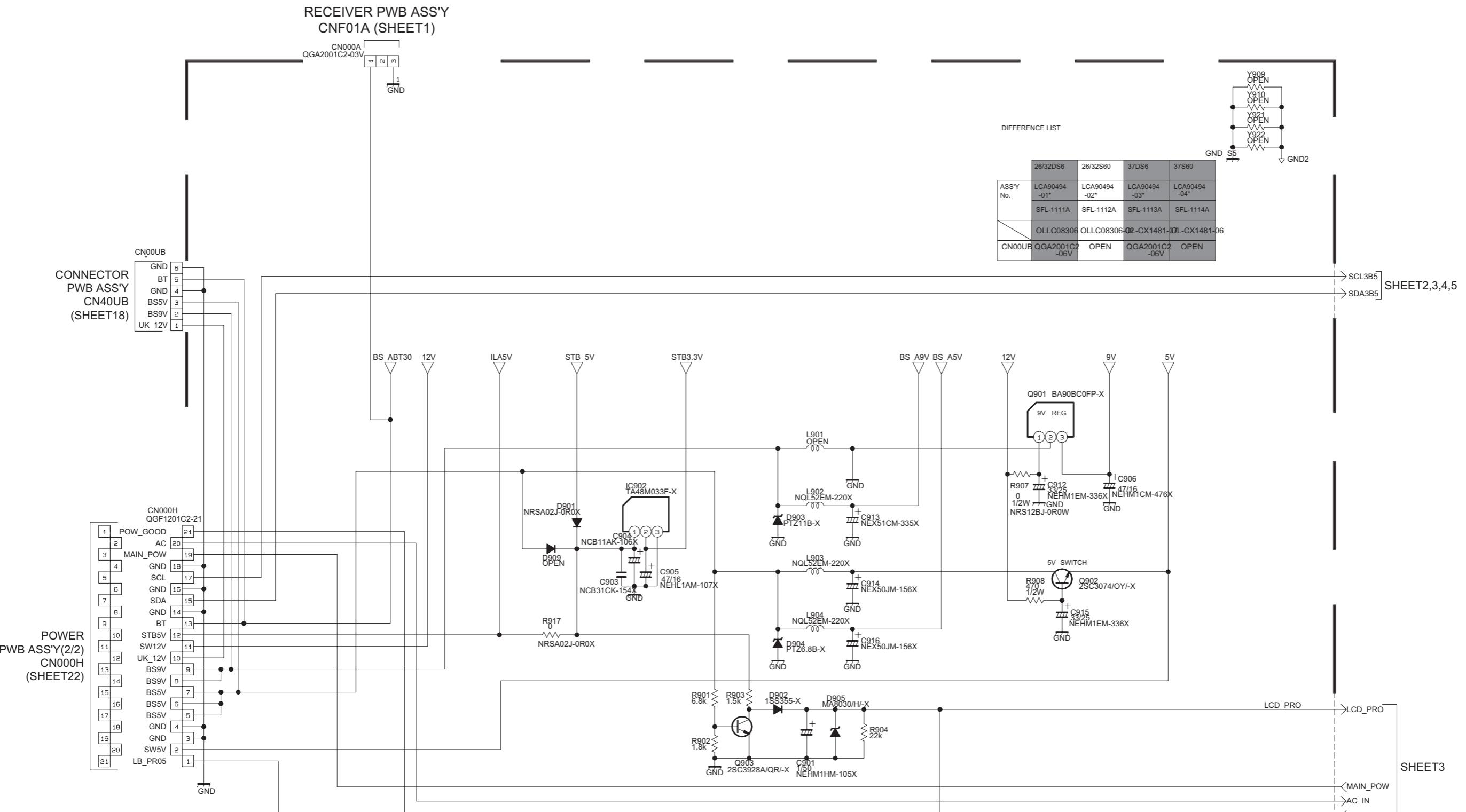
ANALOG SIGNAL PWB CIRCUIT DIAGRAM (2/5) SHEET 3



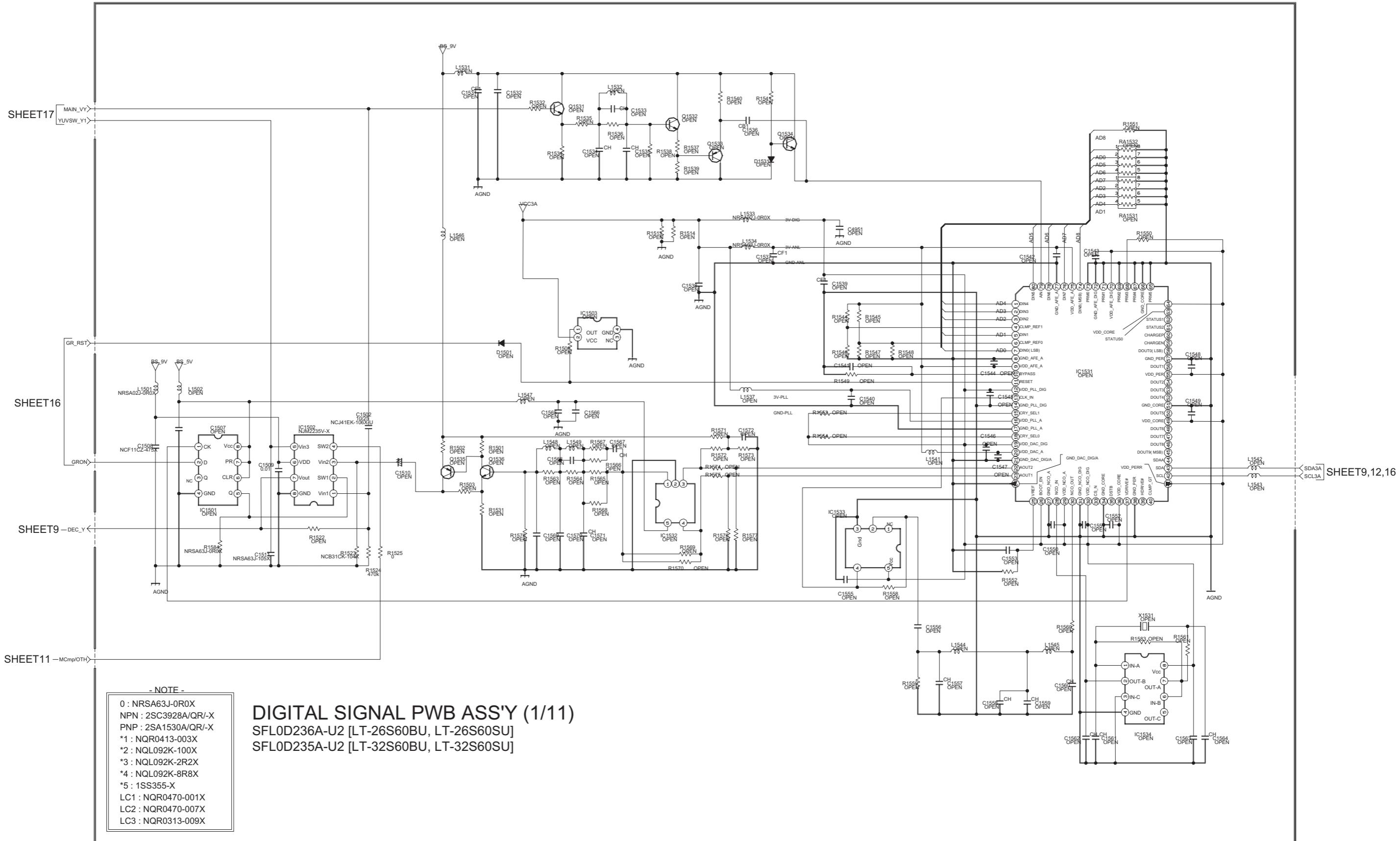


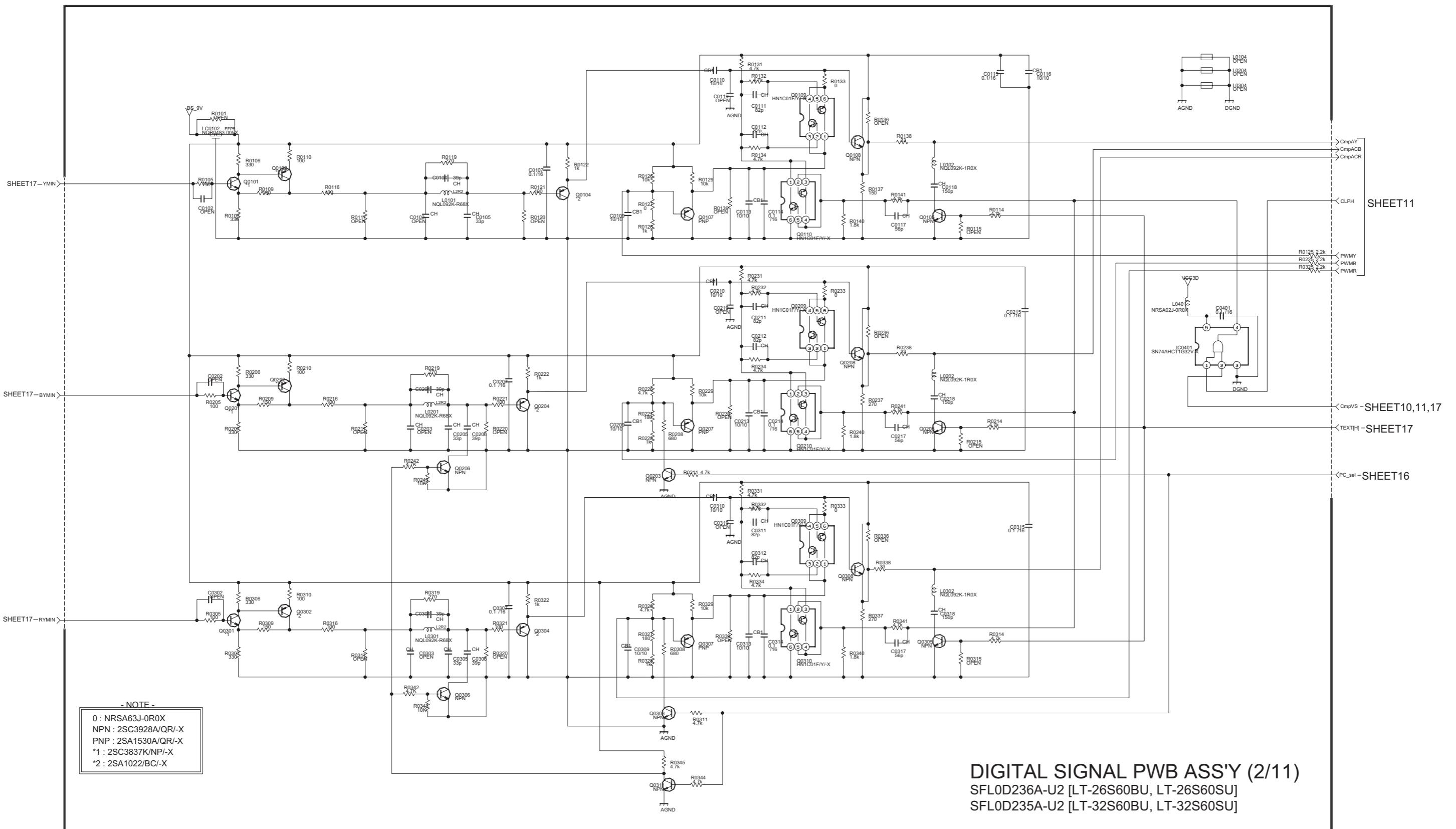
ANALOG SIGNAL PWB ASS'Y (4/5)

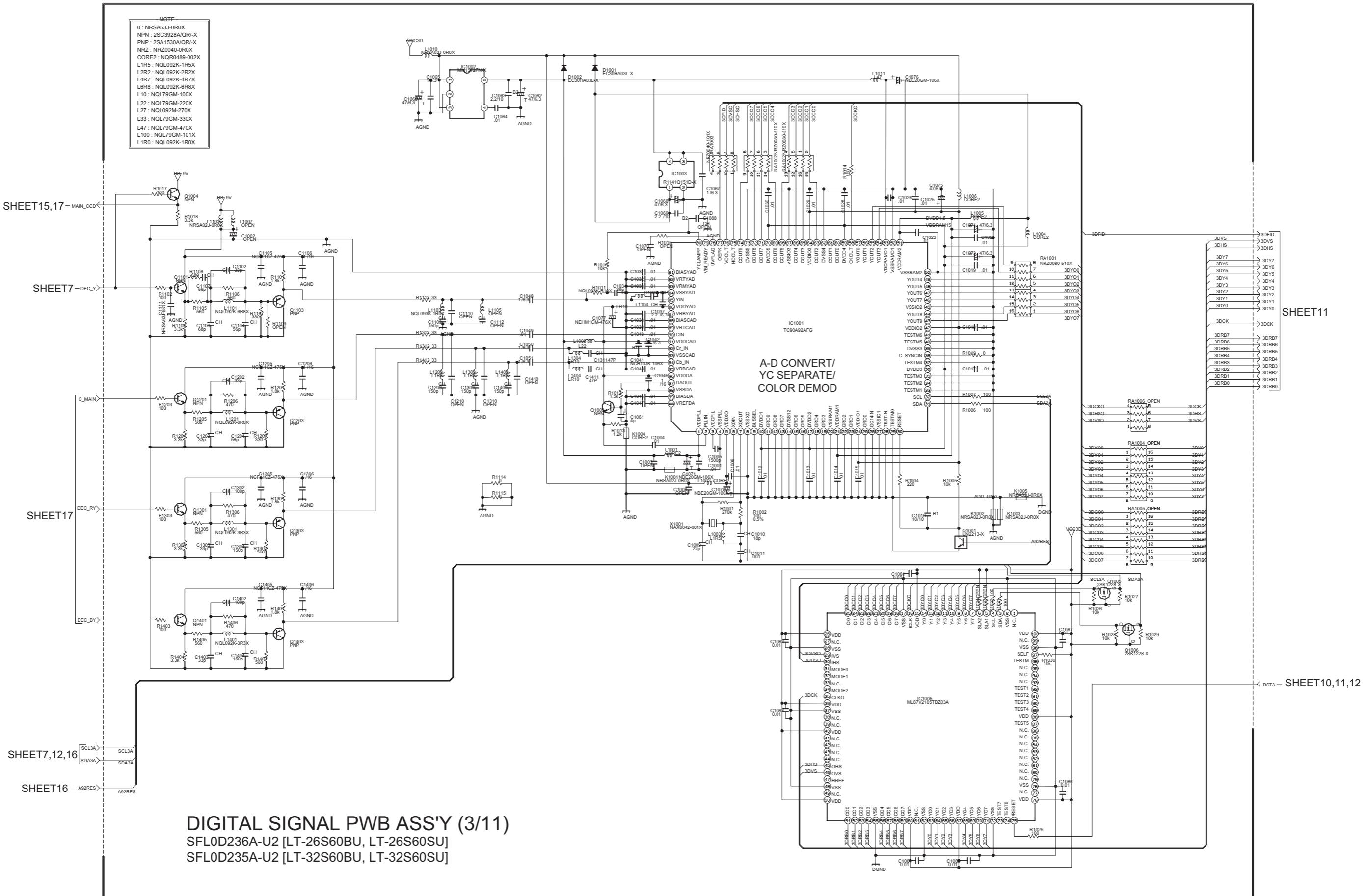


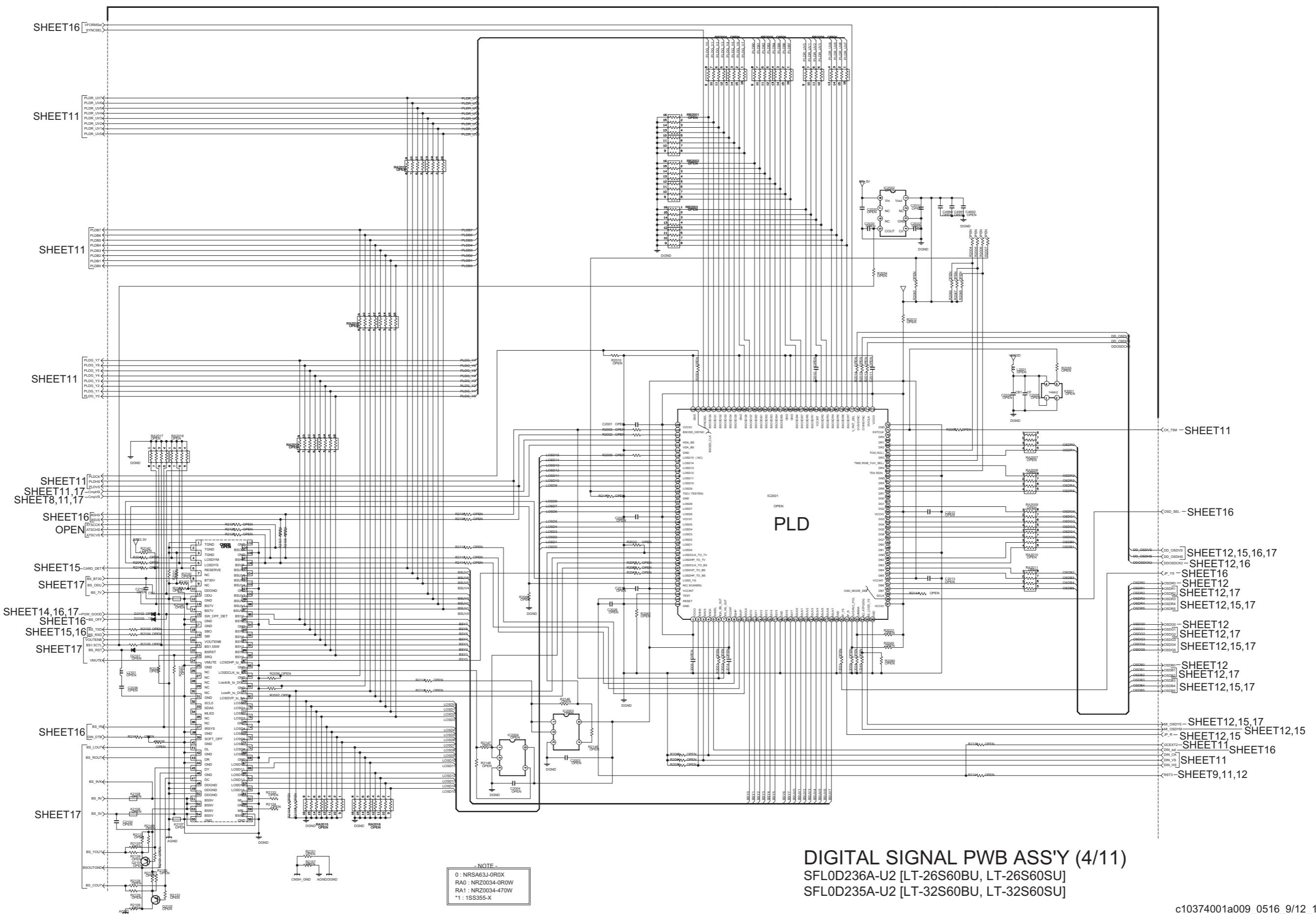


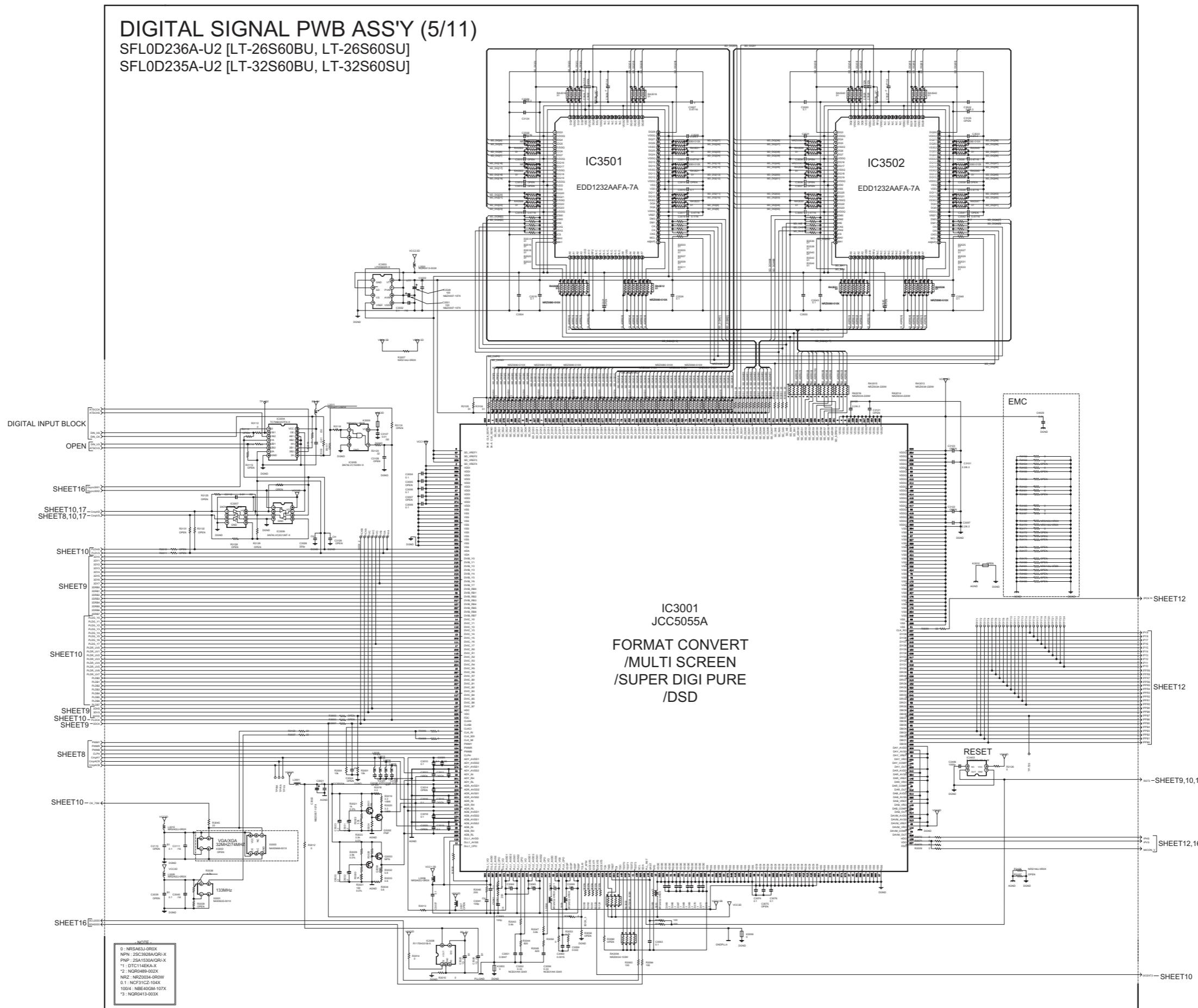
ANALOG SIGNAL PWB ASS'Y (5/5)
SFL-1112A-U2

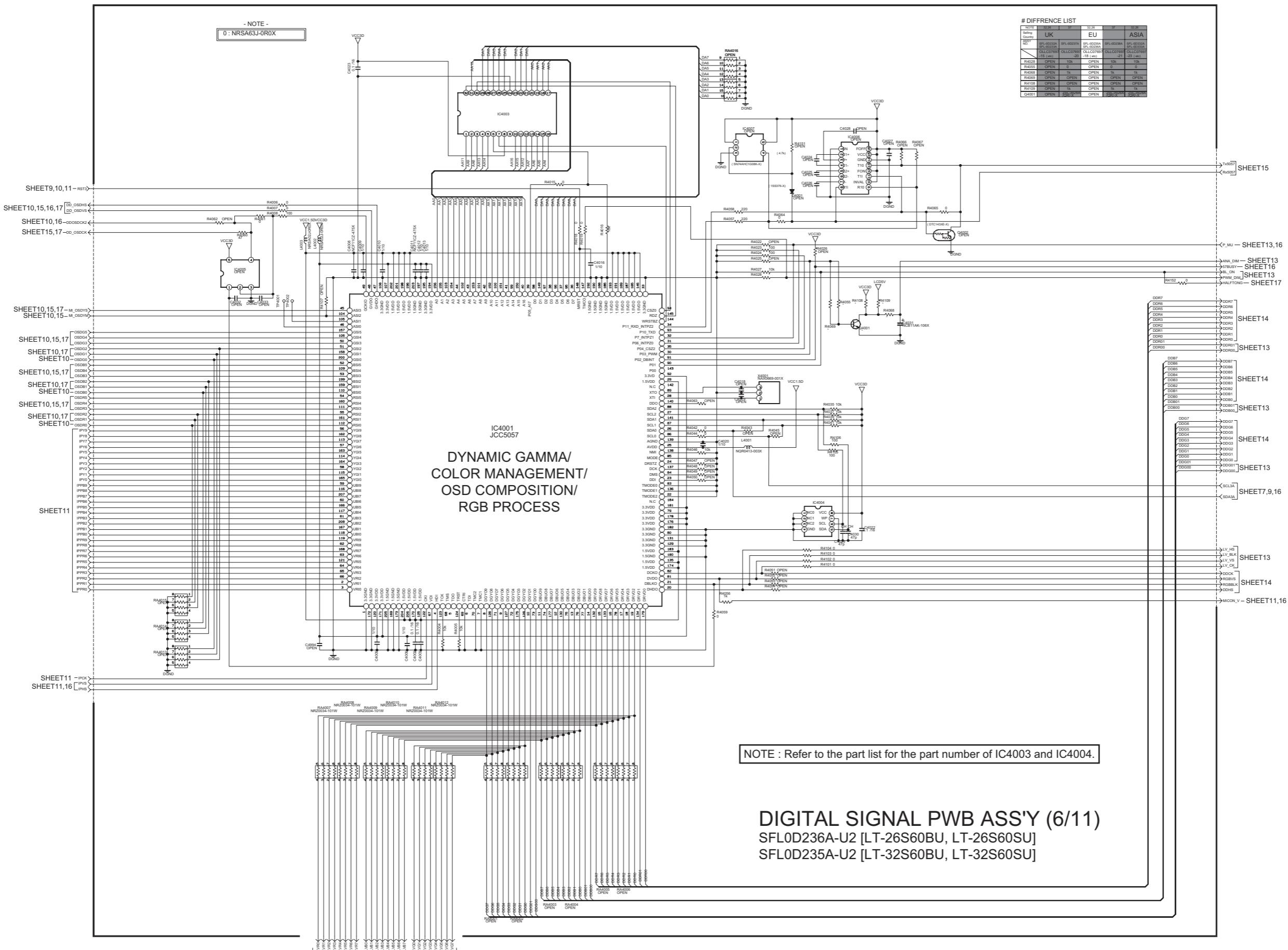




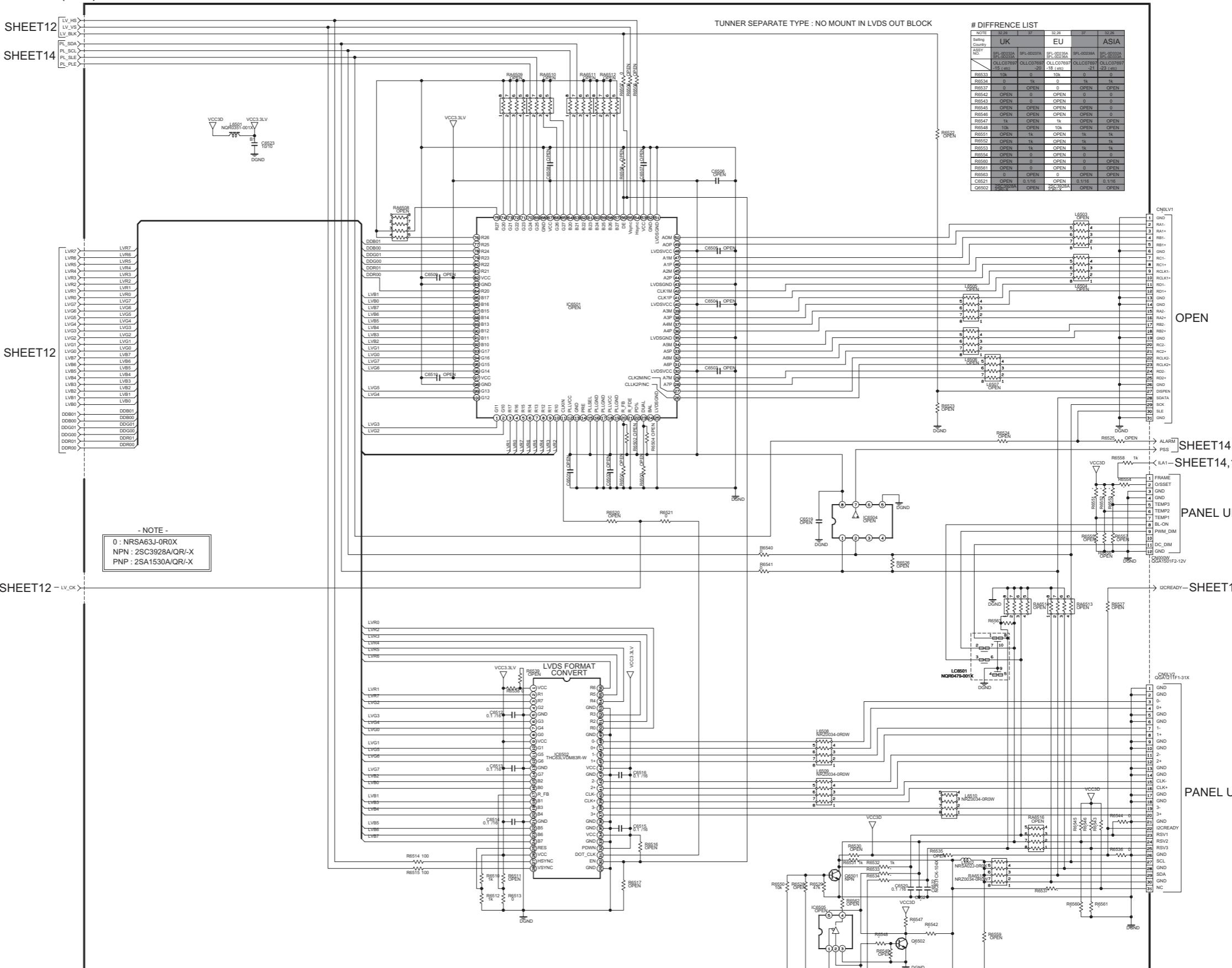








DIGITAL SIGNAL PWB CIRCUIT DIAGRAM (7/11) SHEET 13



DIGITAL SIGNAL PWB ASS'Y (7/11)

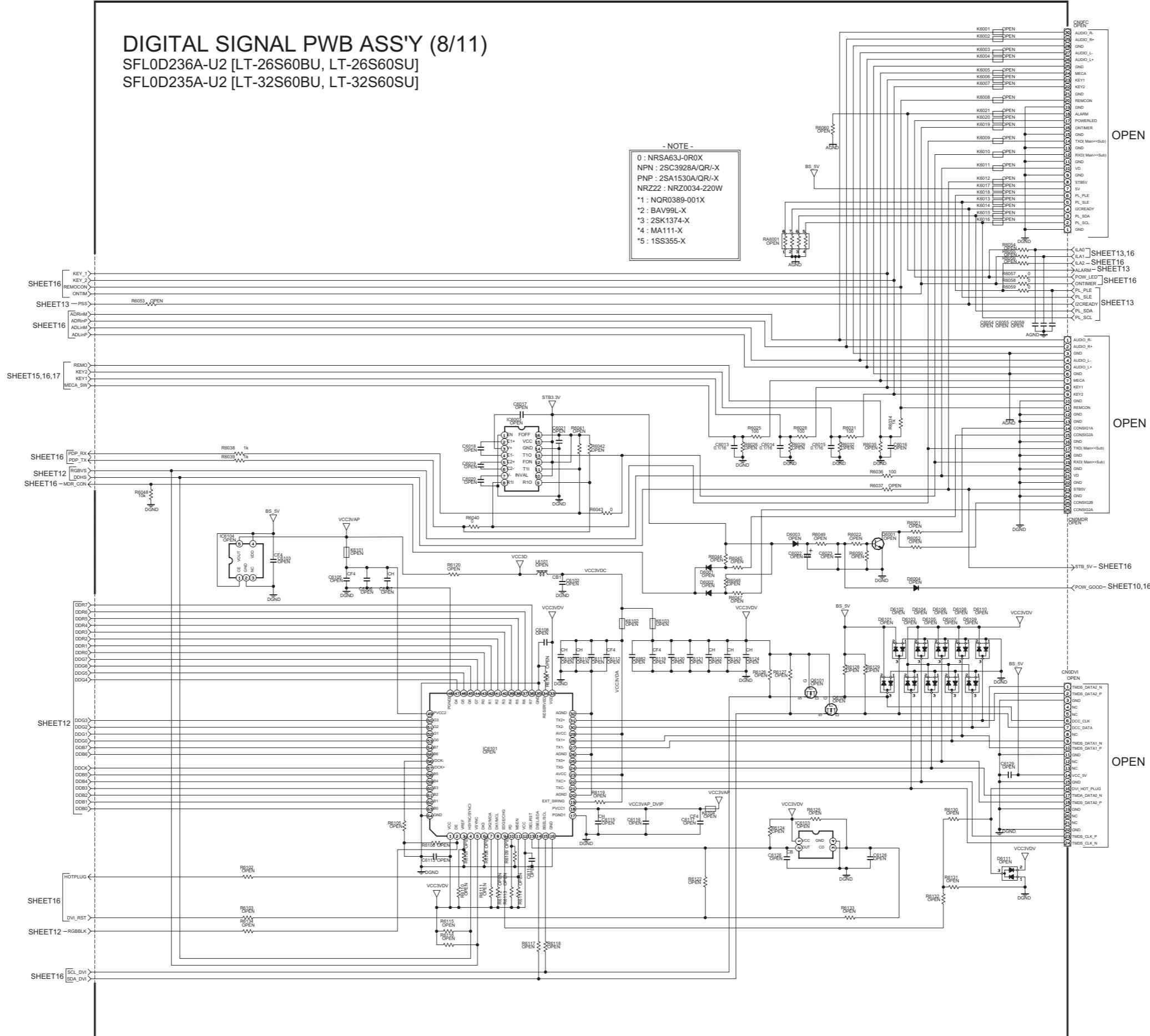
SFL0D236A-U2 [LT-26S60BU, LT-26S60SU]

SFL0D235A-U2 [LT-32S60BU, LT-32S60SU]

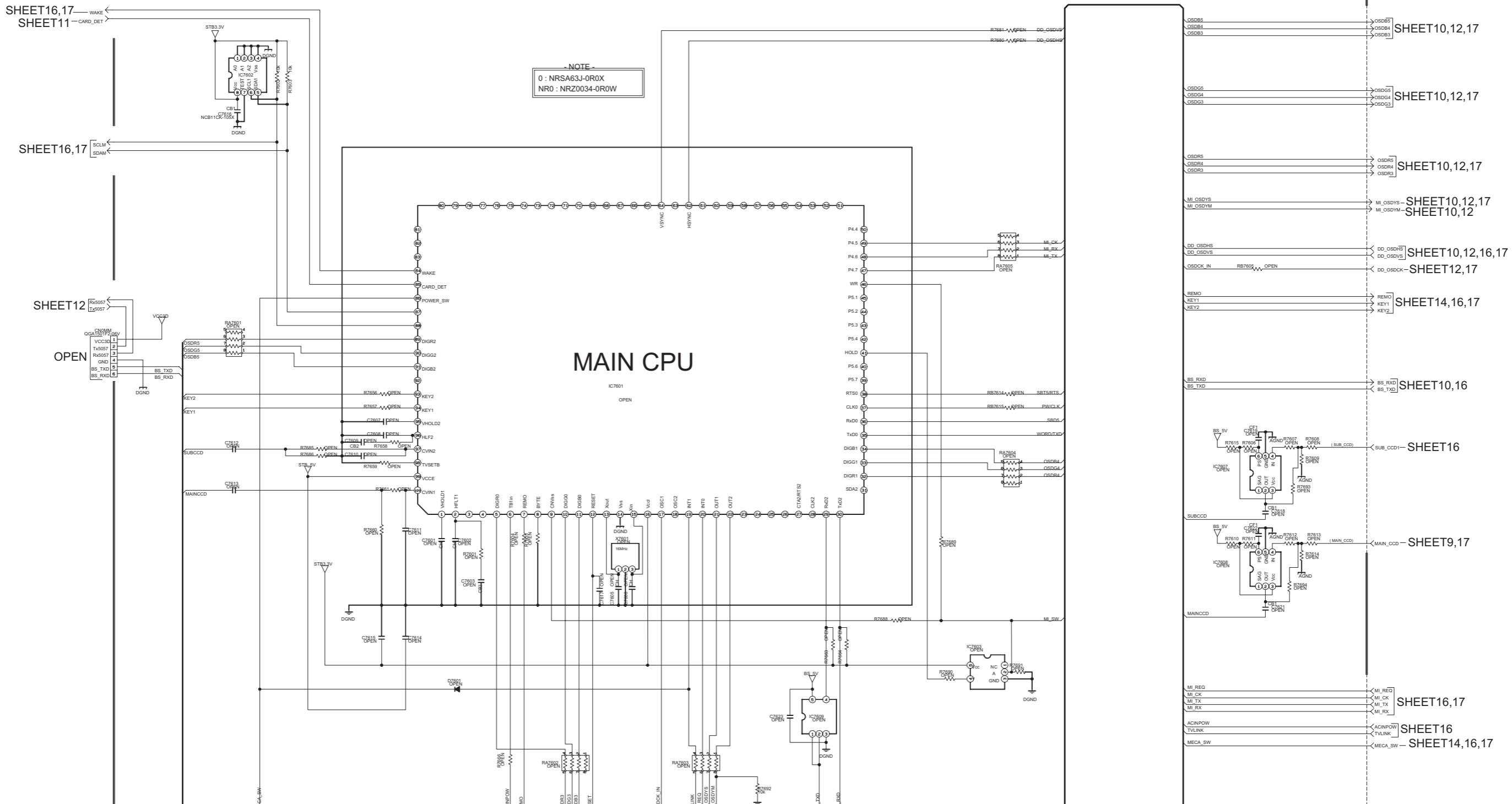
DIGITAL SIGNAL PWB ASS'Y (8/11)

SFL0D236A-U2 [LT-26S60BU, LT-26S60SU]
SFL0D235A-U2 [LT-32S60BU, LT-32S60SU]

- NOTE -
0 : NRSA63J-0R0X
NPN : 2SC3928A/QR-X
PNP : 2SA1530A/QR-X
NRZ22 : NRZ0034-220W
*1 : NQR0389-001X
*2 : BAV99L-X
*3 : 2SK1374-X
*4 : MA111-X
*5 : 1SS355-X



NOTE : Refer to the part list for the part number of IC7602.

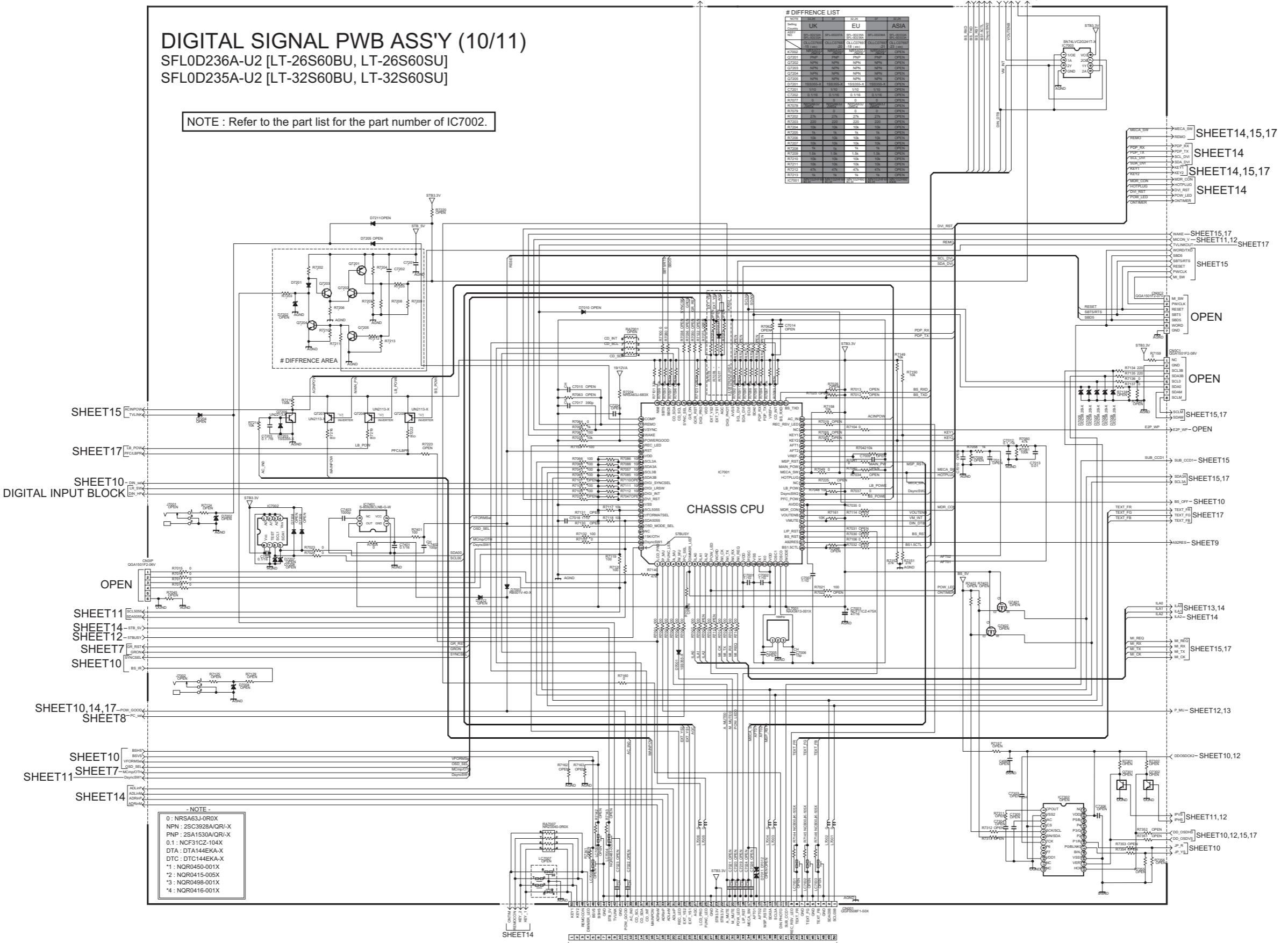


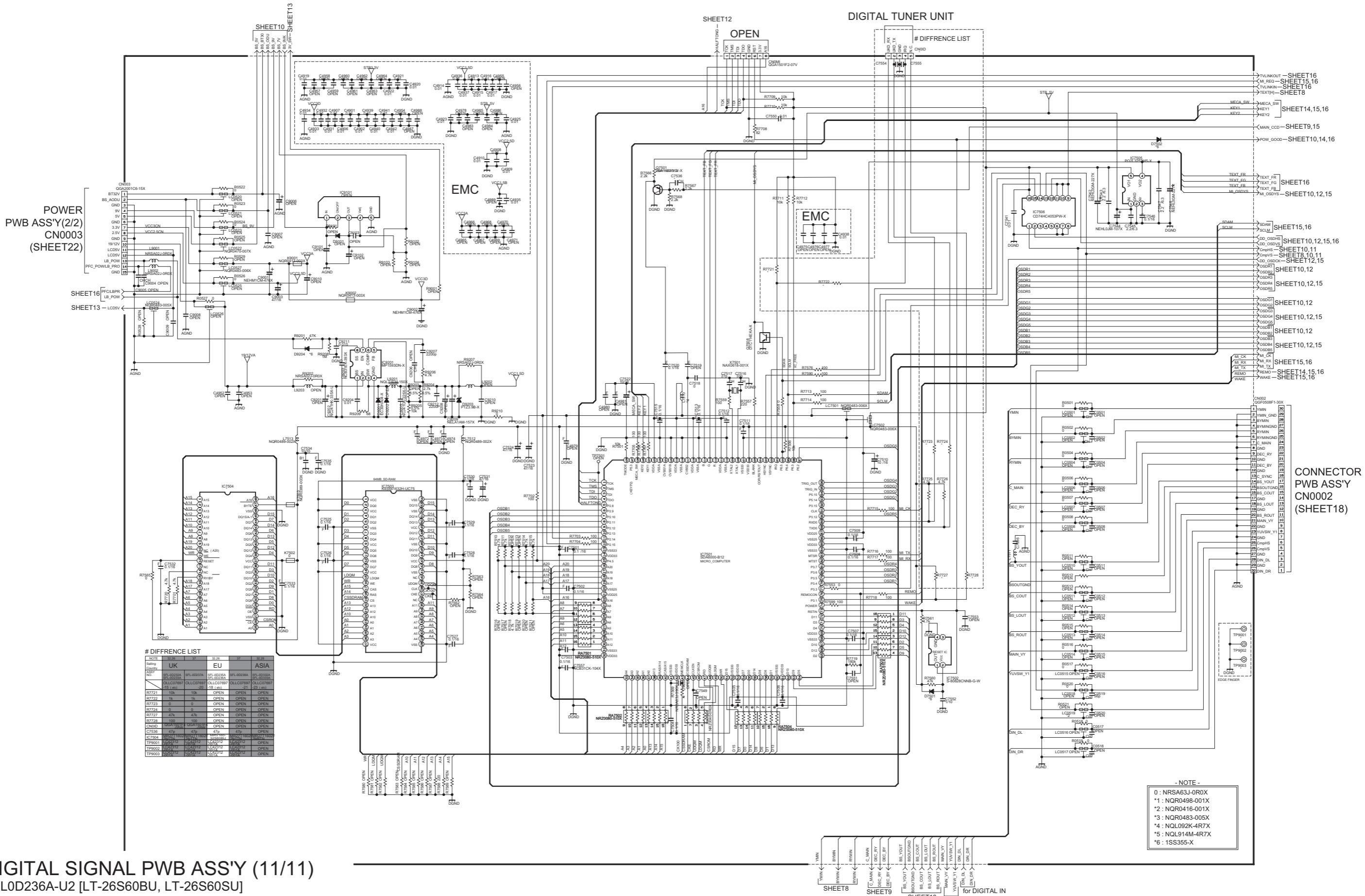
DIGITAL SIGNAL PWB ASS'Y (9/11)

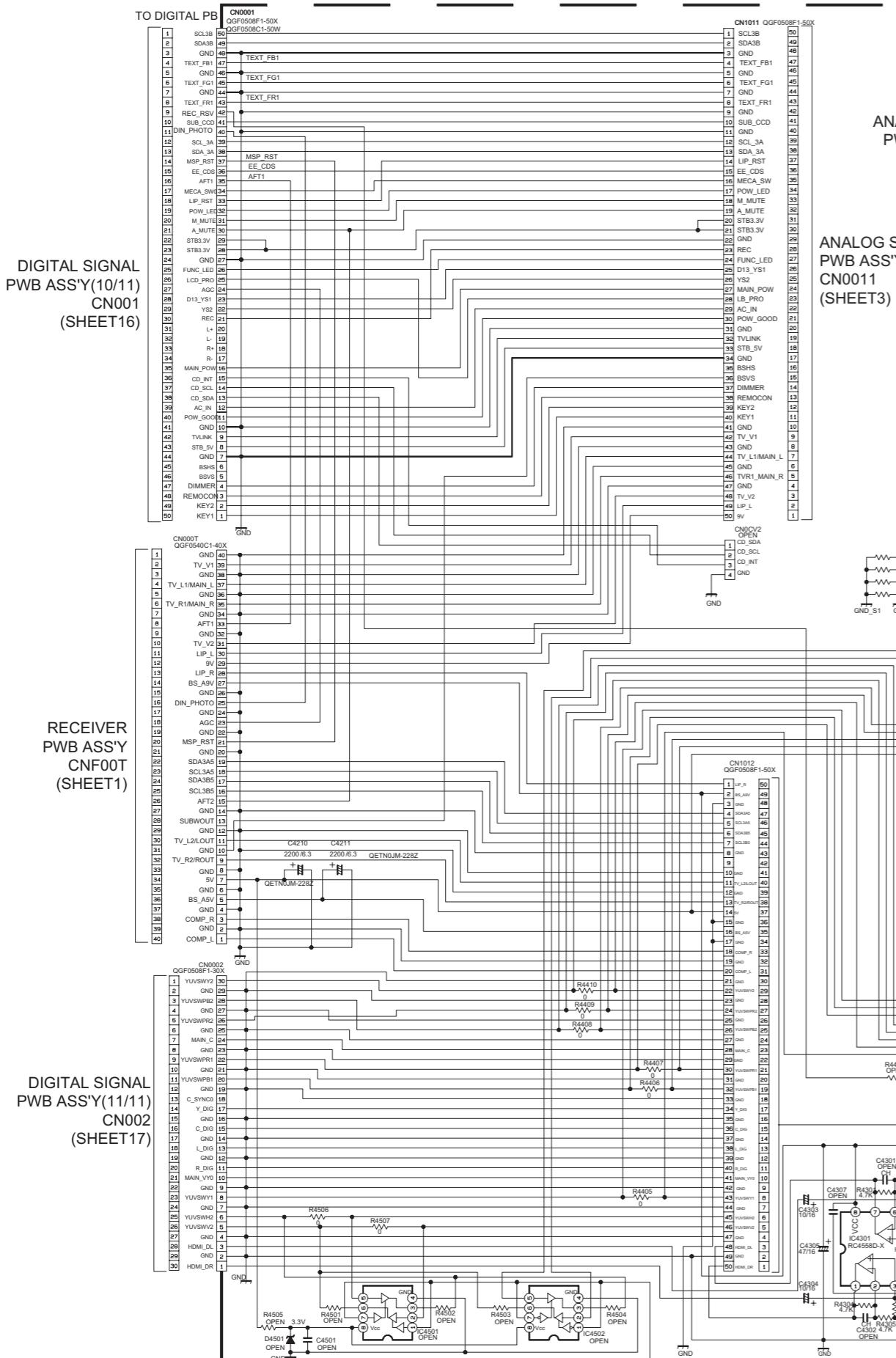
SFL0D236A-U2 [LT-26S60BU, LT-26S60SU]

SFL0D235A-U2 [LT-32S60BU, LT-32S60SU]

DIGITAL INPUT BLOCK

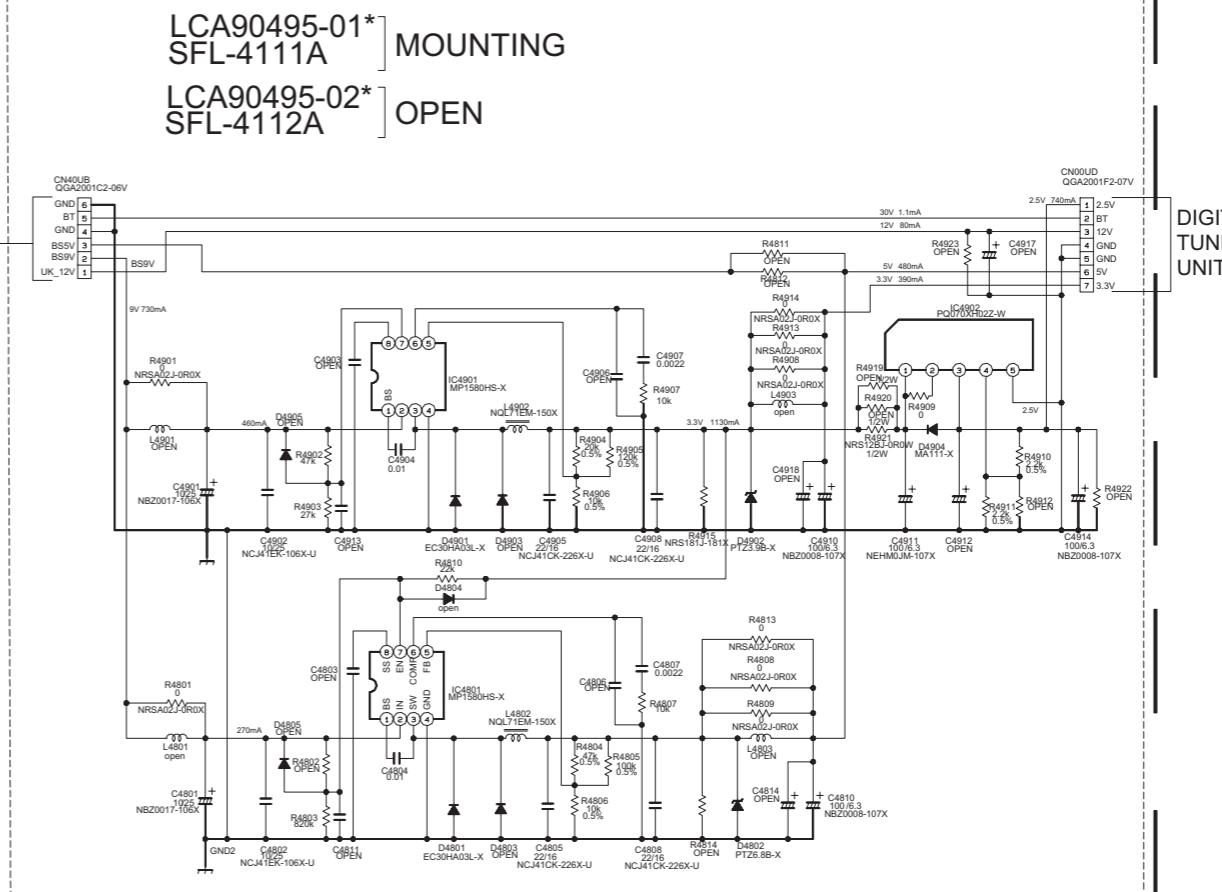




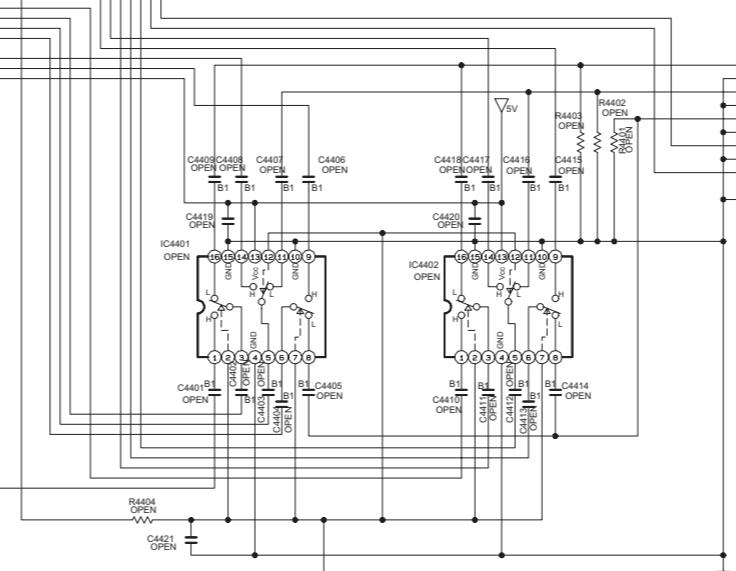


ANALOG SIGNAL
PWB ASS'Y(5/5)
CN00U
(SHEET6)

ANALOG SIGNAL
PWB ASS'Y(2/5)
CN0011
(SHEET3)

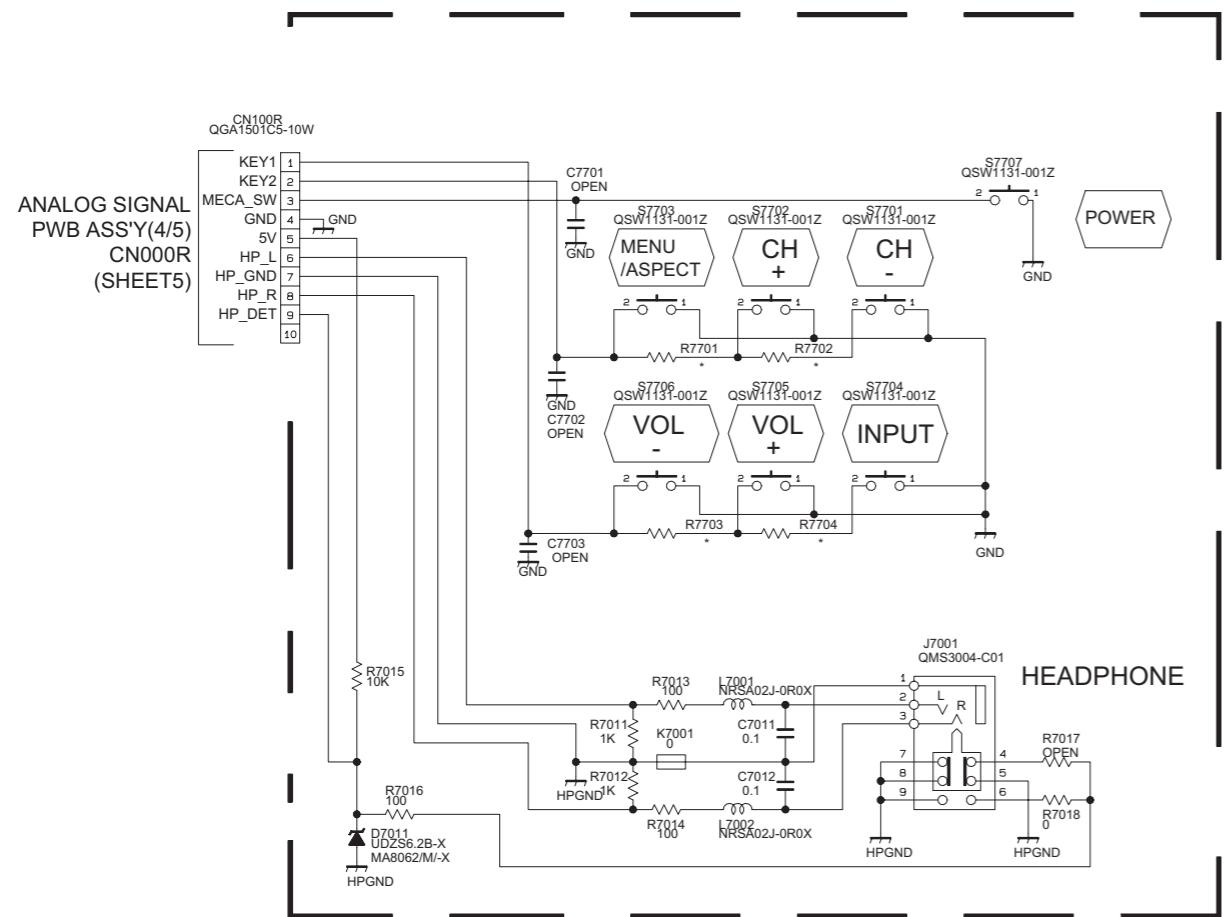


1



ANALOG SIGN
PWB ASS'Y(2/
CN0012
(SHEET3)

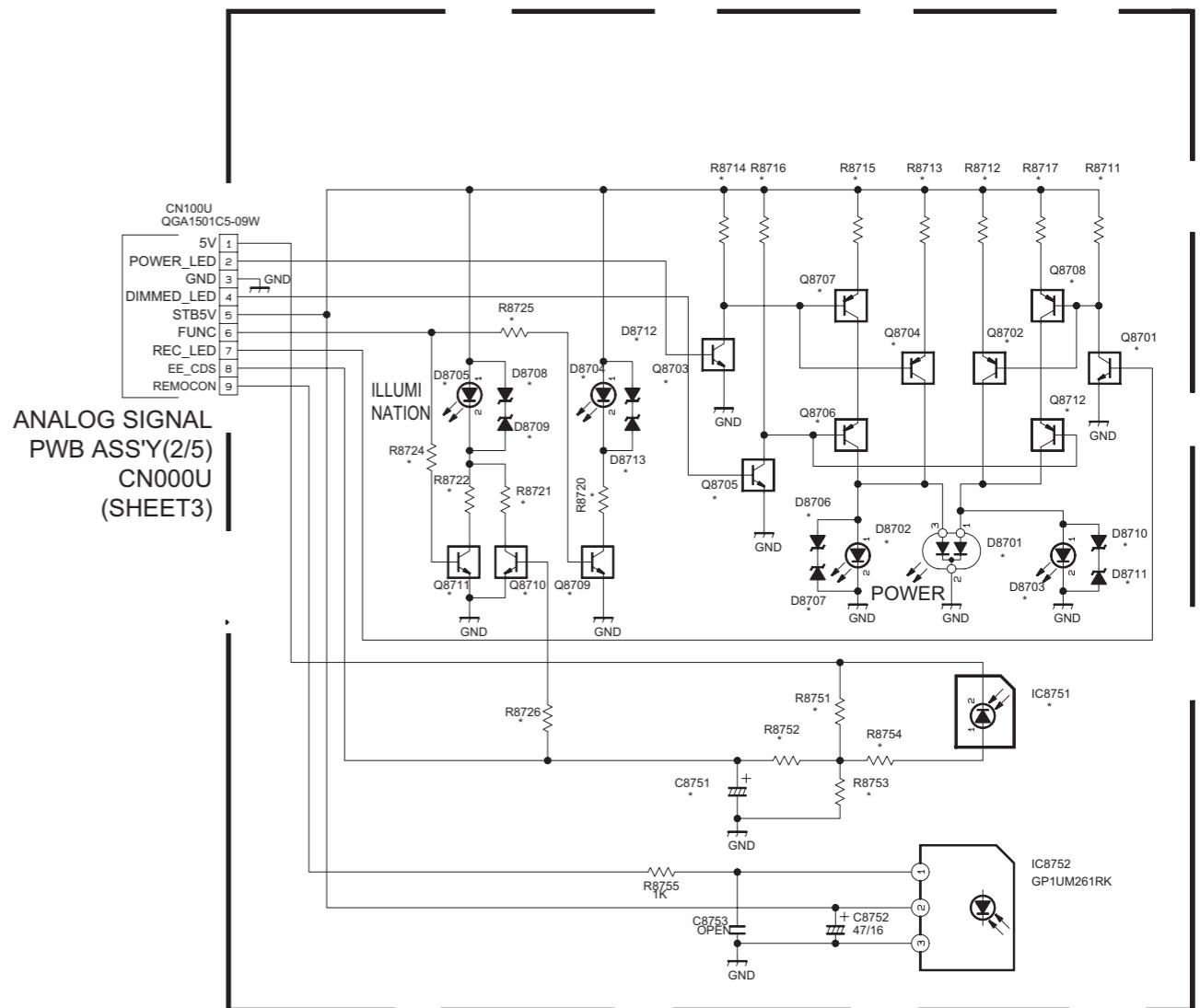
CONNECTOR PWB ASS'Y



FRONT CONTROL PWB ASS'Y

DIFFERENCE LIST

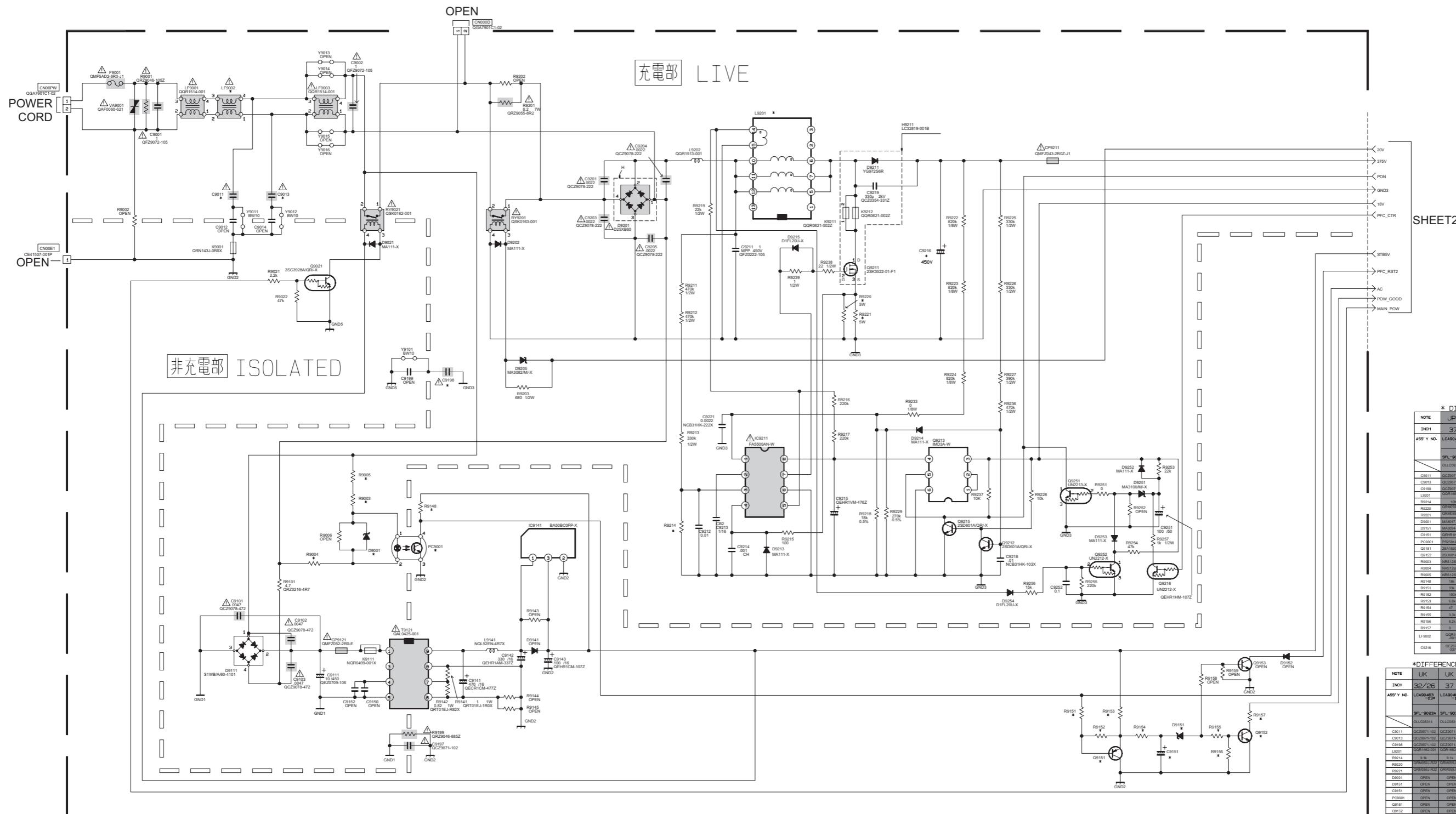
NOTE	JPN US	UK-DTV EUROPE (non-DTV) ASIA
INCH	40/37/32/26 40/37/32/26	37/32/26 37/32/26 37/32/26
ASS'Y No.	LCA90469 -01*	LCA90469 -02*
	SFL-7101A	SFL-7111A
	OLLC07662	OLLC08307
R7701	5.6K	4.7K
R7702	15K	8.2K
R7703	5.6K	4.7K
R7704	15K	8.2K



FRONT LED PWB ASS'Y

DIFFERENCE LIST

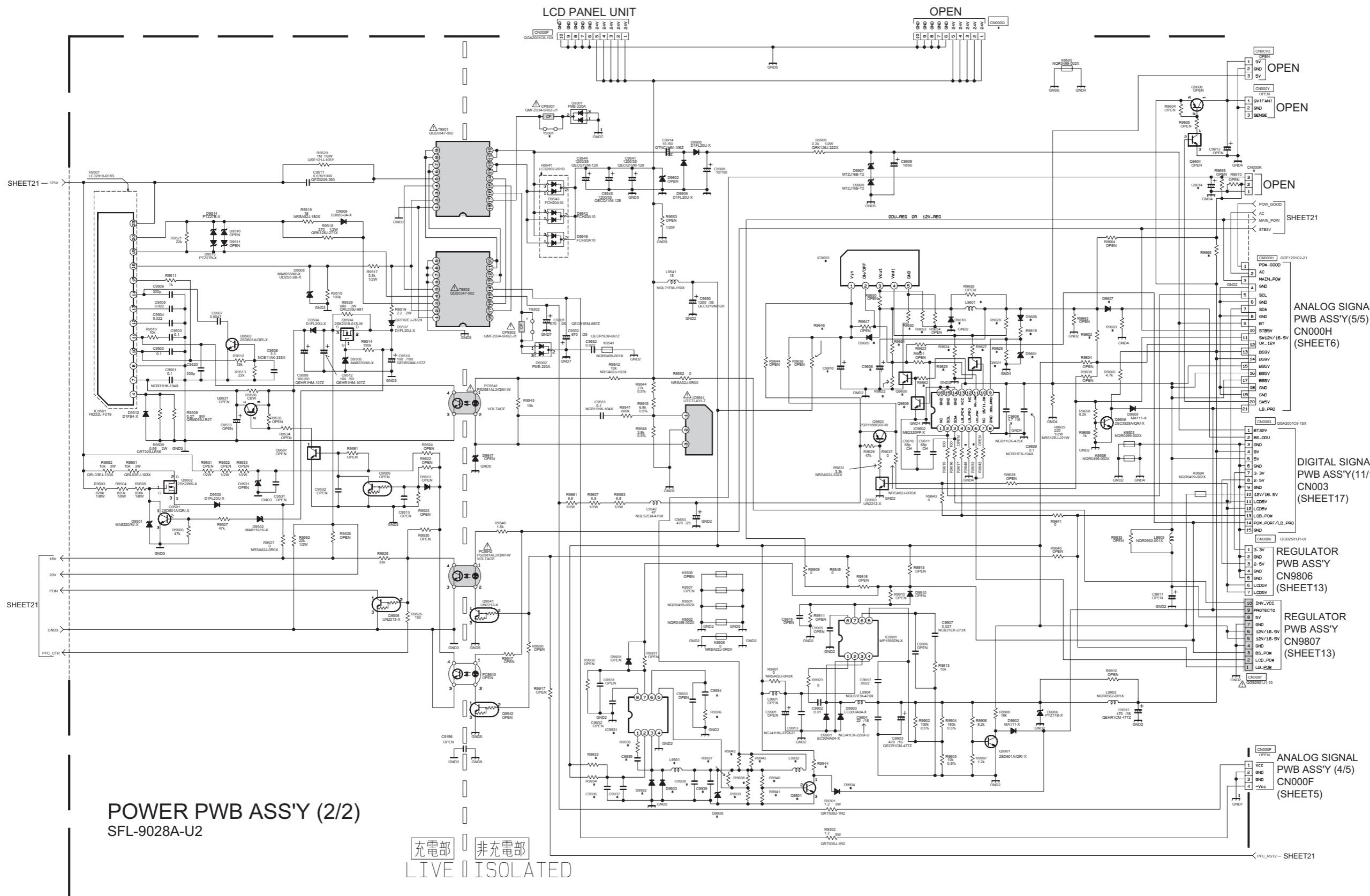
POWER PWB ASS'Y (1/2)

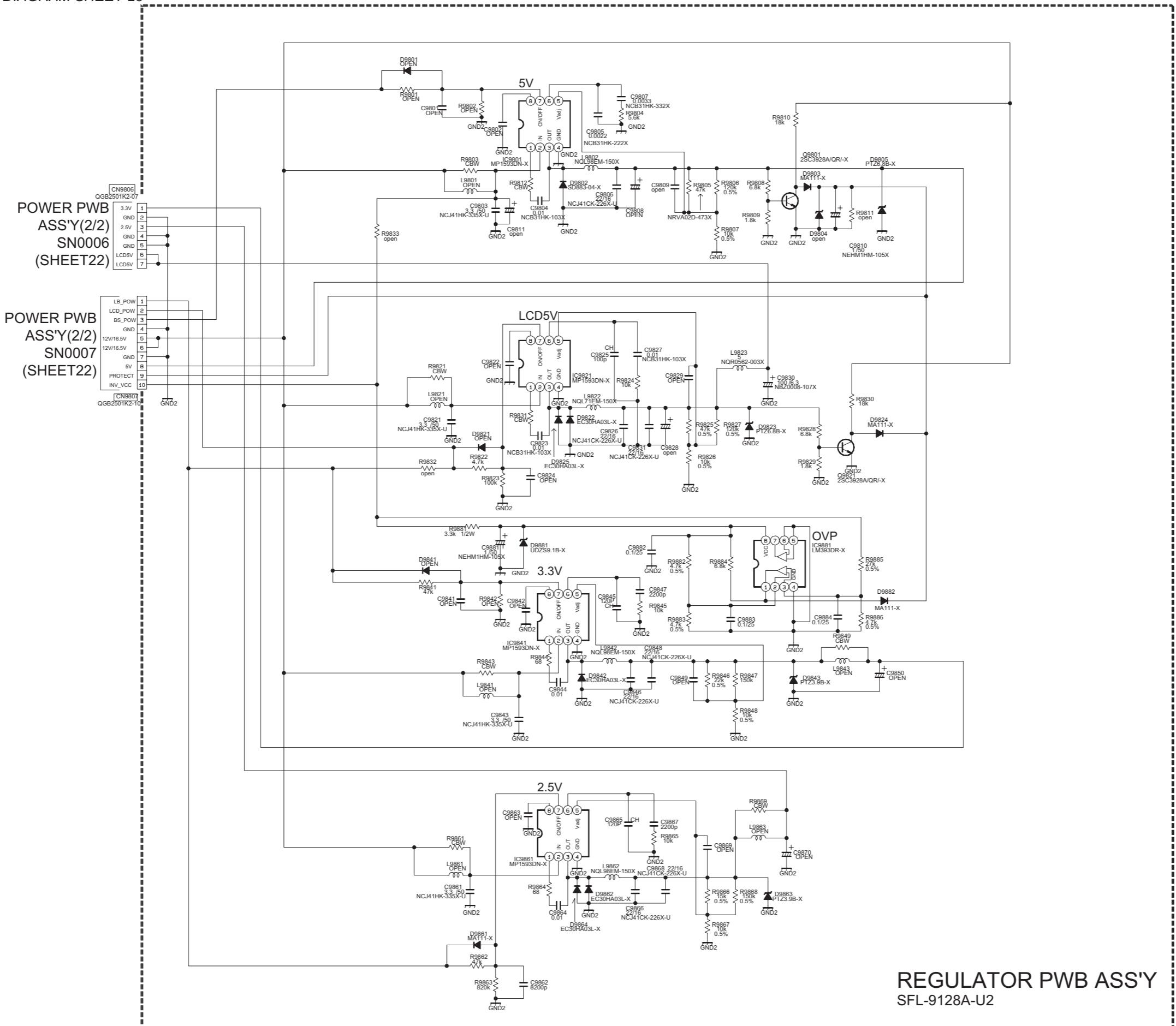


* DIFFERENCE LIST 1				
NOTE	JPN	JPN	US	US
INCH	37	32/26	37	32/26
ASSY Y NO.				
SFL-9024A	LCA0405-021 LCA0405-023	SFL-9025A SFL-9026A	SFL-9030A SFL-9031A	
ULLC0333	ULLC0333-02 ULLC0484-02	ULLC0484-02 ULLC0484-03	ULLC0484-02 ULLC0484-03	
C9011	QC9011-102	QC9011-471	QC9011-471	QC9011-471
C9113	QC9113-102	QC9113-471	QC9113-471	QC9113-471
C9198	QC9198-102	QC9198-471	QC9198-471	QC9198-471
L1901	QC14981-101	QC14981-162	QC14981-162	QC14981-162
P9214	MRAS94-X	MRAS94-X	MRAS94-X	MRAS94-X
P9221	GRM05511-R15	GRM05511-R15	GRM05511-R25	GRM05511-R25
P9221	GRM05511-R15	GRM05511-R15	GRM05511-R25	GRM05511-R25
D9081	MRAS94-X	MRAS94-X	MRAS94-X	MRAS94-X
D9151	MRAS94-X	MRAS94-X	MRAS94-X	MRAS94-X
C9151	QH116H-225	QH116H-220	QH116H-225	QH116H-220
PC9001	PS2514210-02	PS2514210-02	PS2514210-02	PS2514210-02
C9152	QH116H-225	QH116H-220	QH116H-225	QH116H-220
R9003	NRS128L-333N	NRS128L-333N	NRS128L-333N	NRS128L-333N
N9004	NRS128L-333N	NRS128L-333N	NRS128L-333N	NRS128L-333N
N9005	NRS128L-333N	NRS128L-333N	NRS128L-333N	NRS128L-333N
R9148	18A	18A	18A	18A
R9152	100A	100A	100A	100A
R9153	6.8k	6.8k	6.8k	6.8k
R9154	47	47	47	47
R9155	3.3k	3.3k	3.3k	3.3k
R9156	8.2k	8.2k	8.2k	8.2k
R9157	0	0	0	0
L9002	QH116H-001 QH116H-001	QH116H-001 QH116H-001	QH116H-001 QH116H-001	QH116H-001 QH116H-001
C9116	QE02739	QE02660	QE02739	QE02660

POWER PWB ASS'Y (2/2)

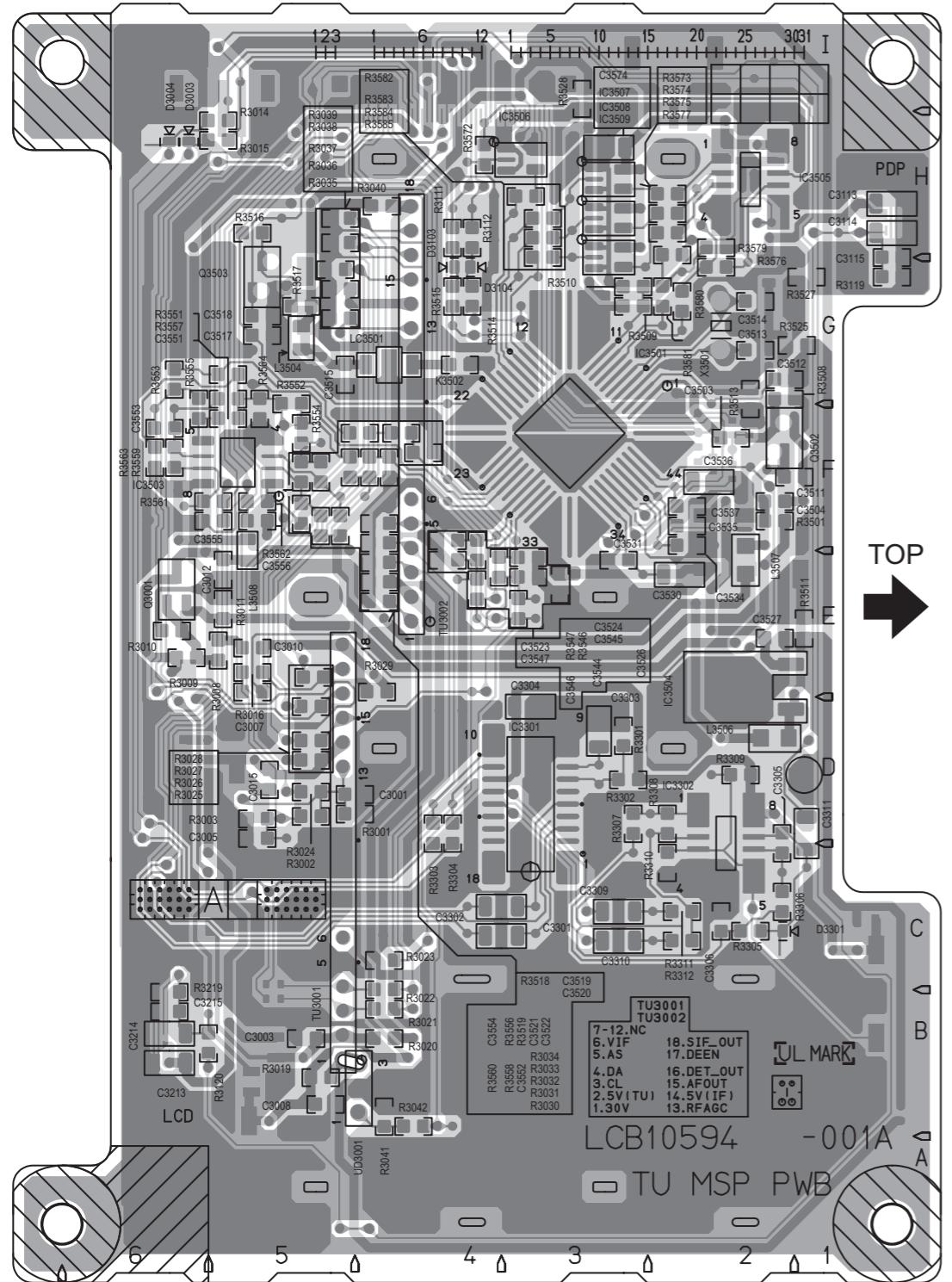
充電部 非充電部
LIVE ISOLATED



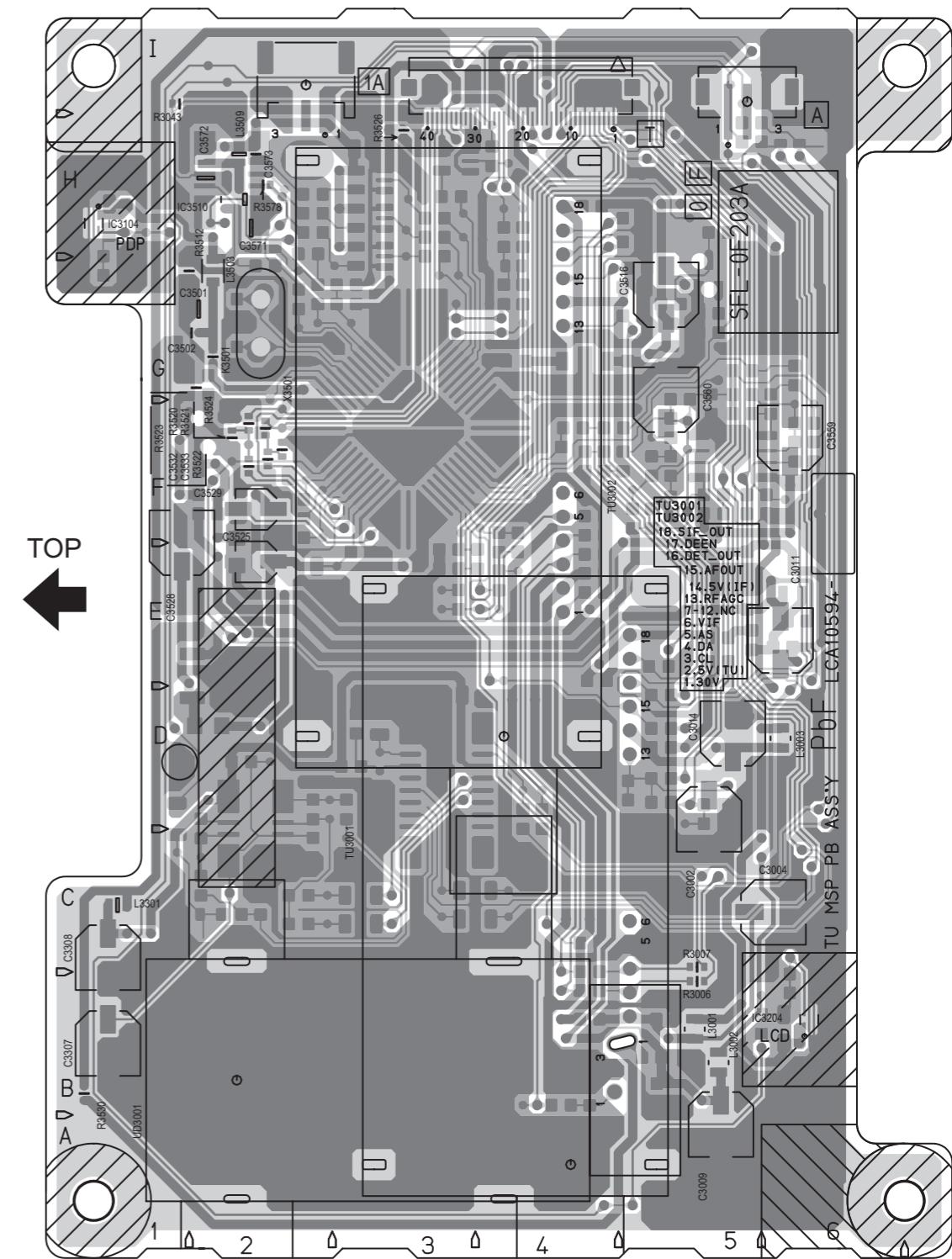


PATTERN DIAGRAMS

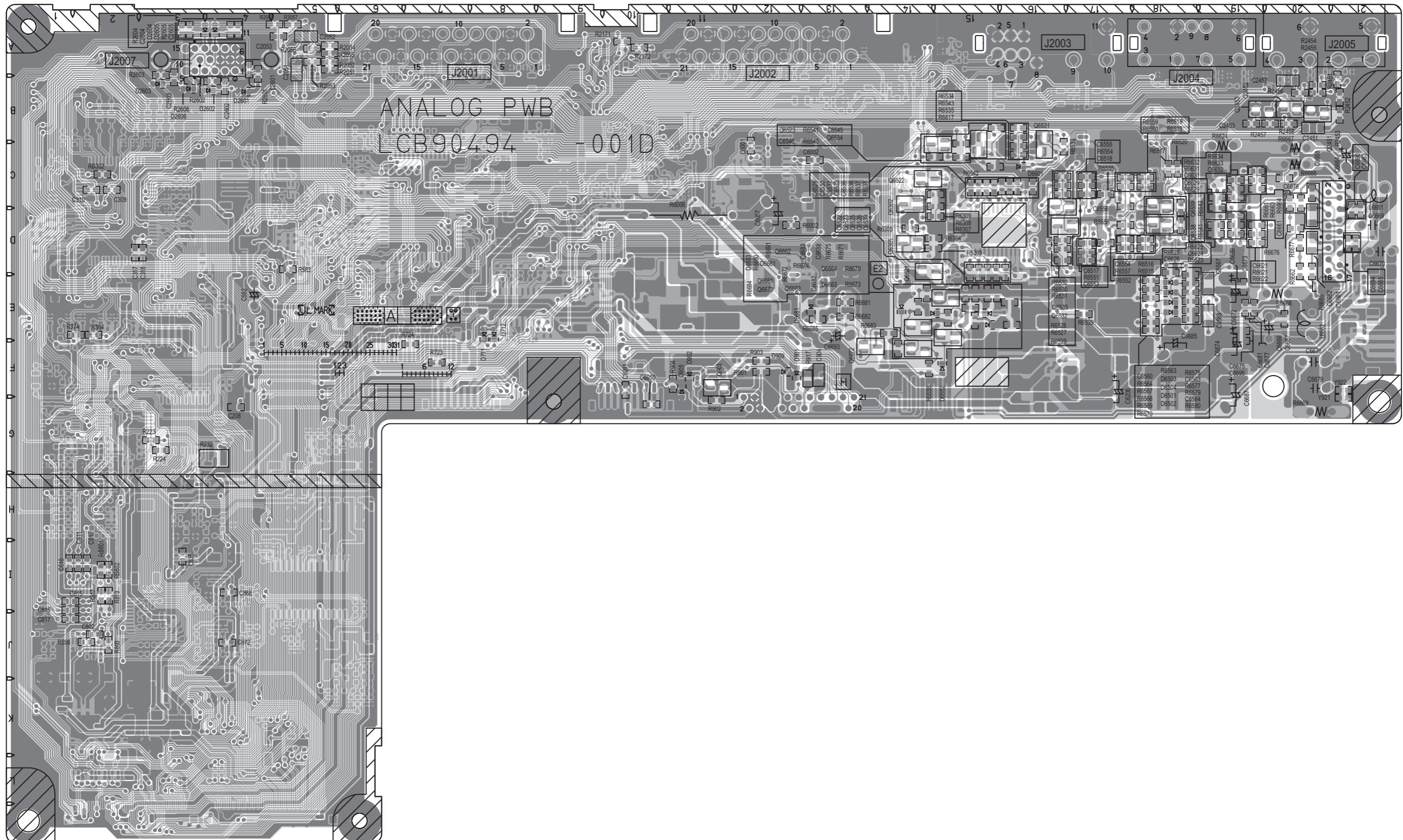
RECEIVER PWB PATTERN [SOLDER SIDE]



RECEIVER PWB PATTERN [PARTS SIDE]

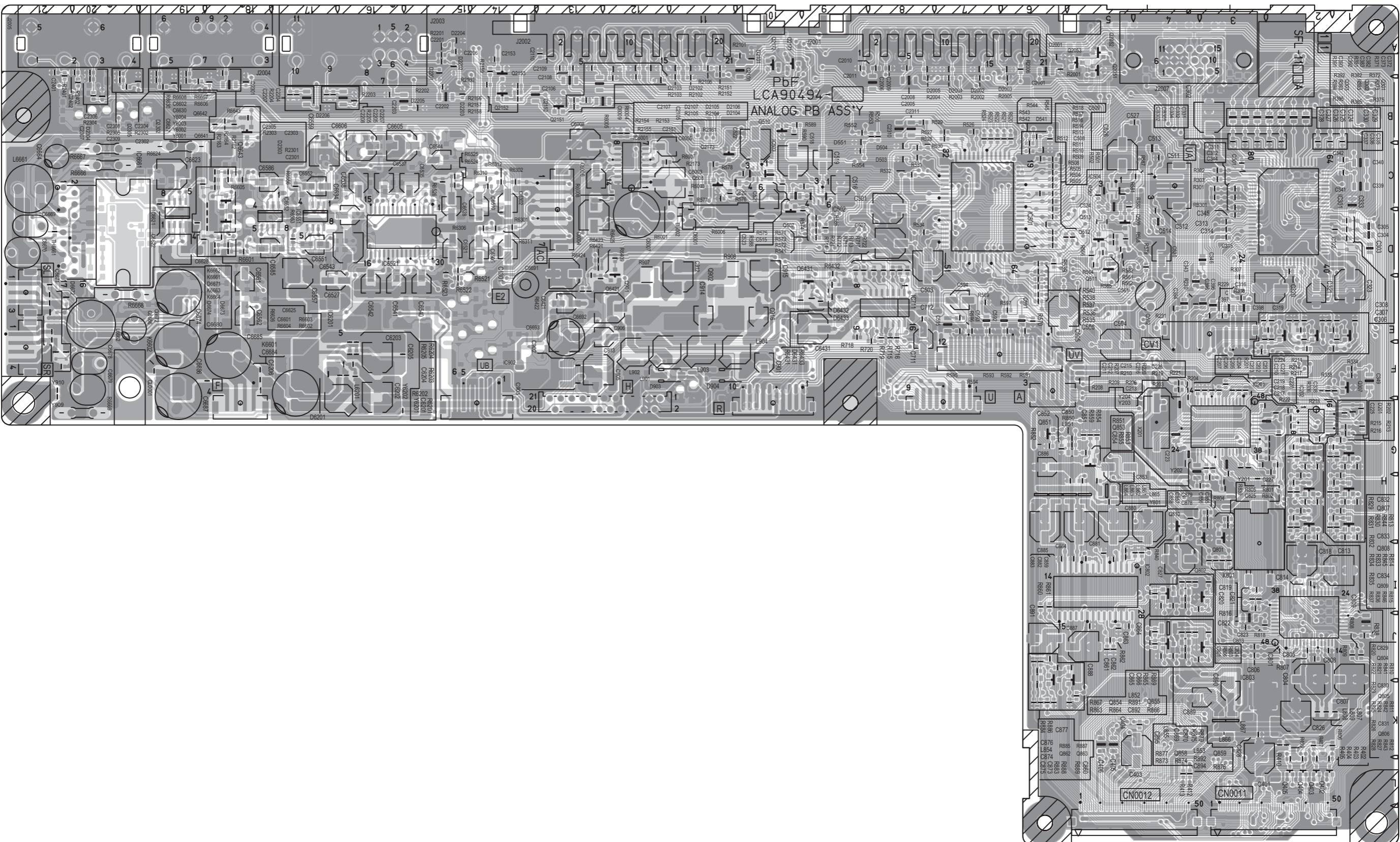


ANALOG SIGNAL PWB PATTERN [SOLDER SIDE]

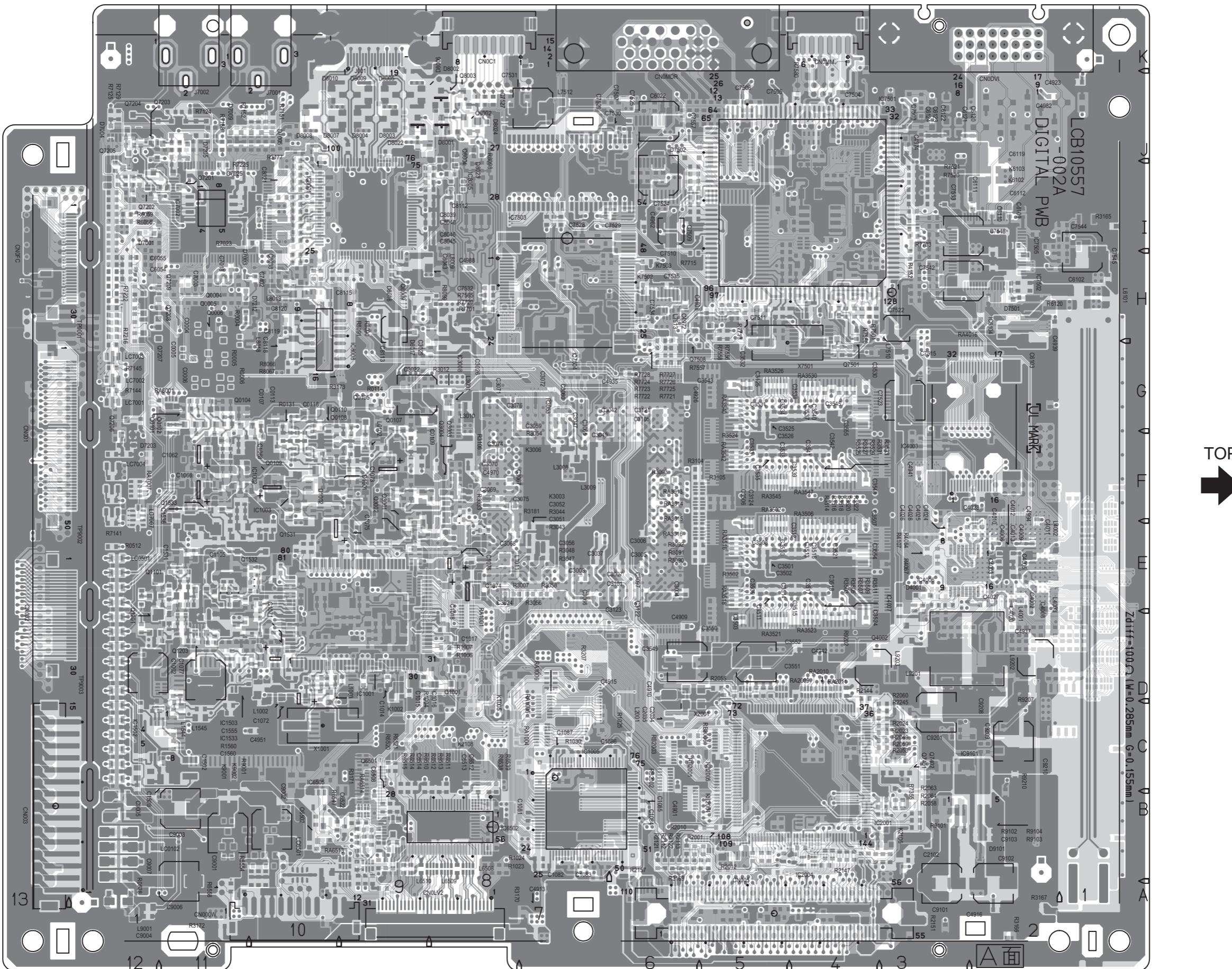


ANALOG SIGNAL PWB PATTERN [PARTS SIDE]

TOP

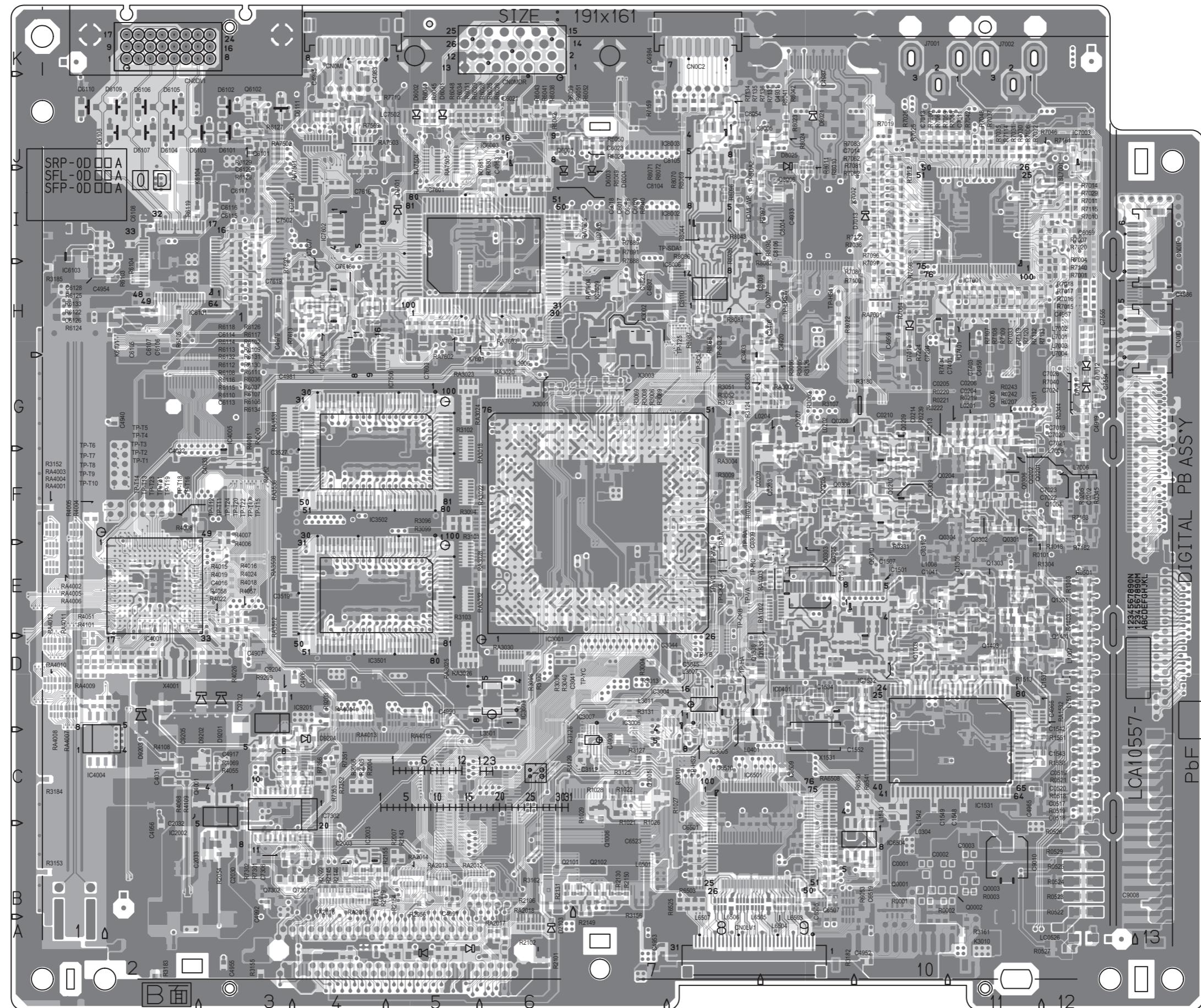



DIGITAL SIGNAL PWB PATTERN [SOLDER SIDE]

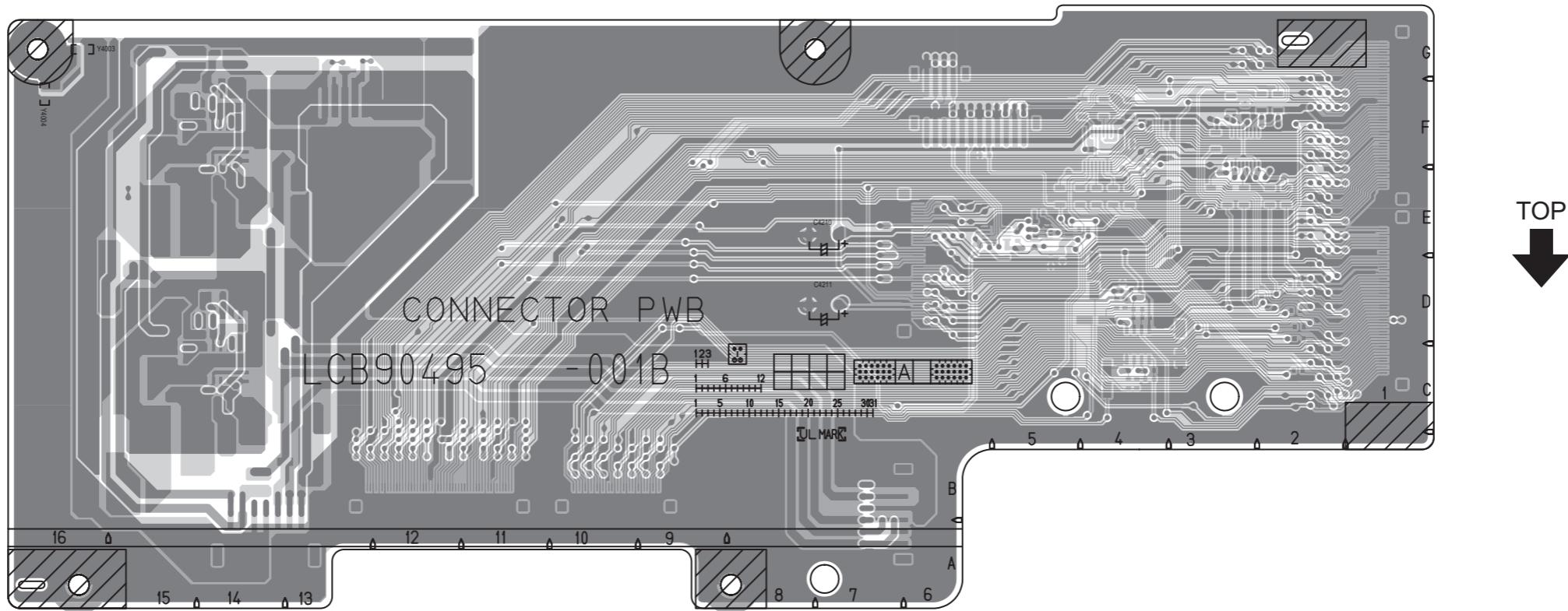


DIGITAL SIGNAL PWB PATTERN [PARTS SIDE]

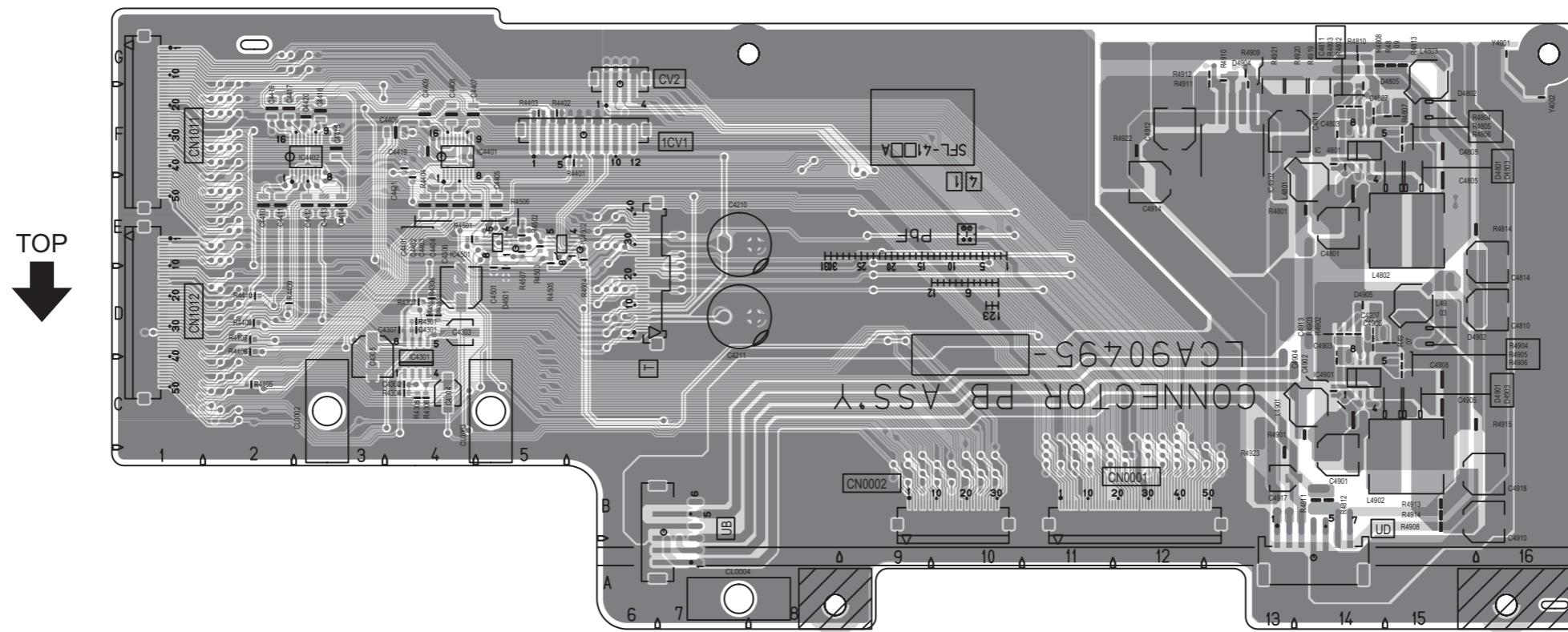
TOP



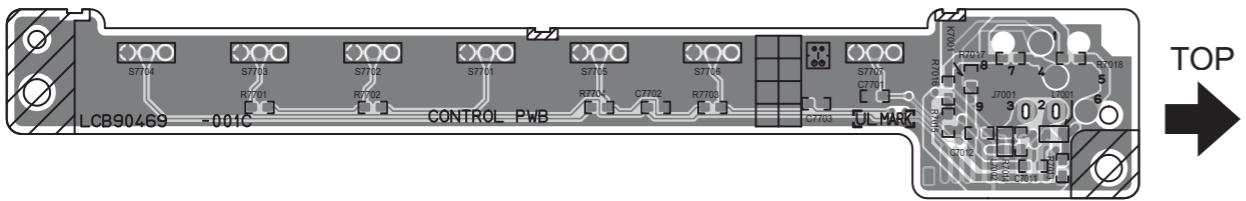
CONNECTOR PWB PATTERN [SOLDER SIDE]



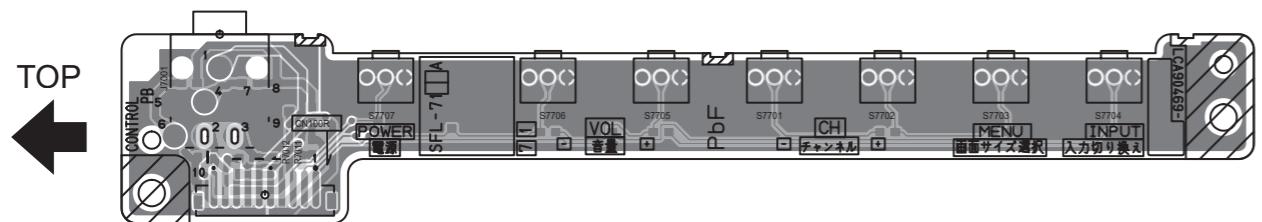
CONNECTOR PWB PATTERN [PARTS SIDE]



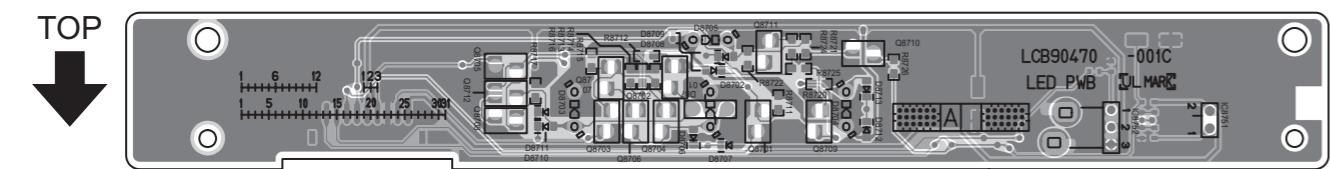
FRONT CONTROL PWB PATTERN [SOLDER SIDE]



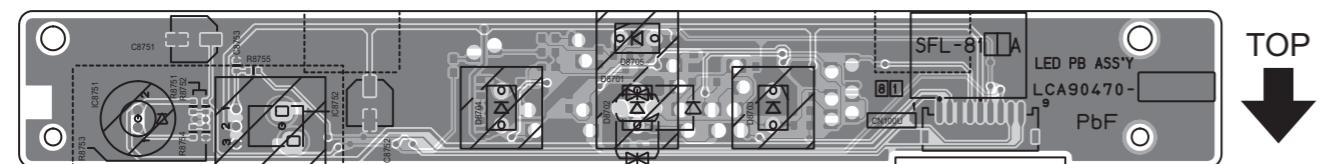
FRONT CONTROL PWB PATTERN [PARTS SIDE]



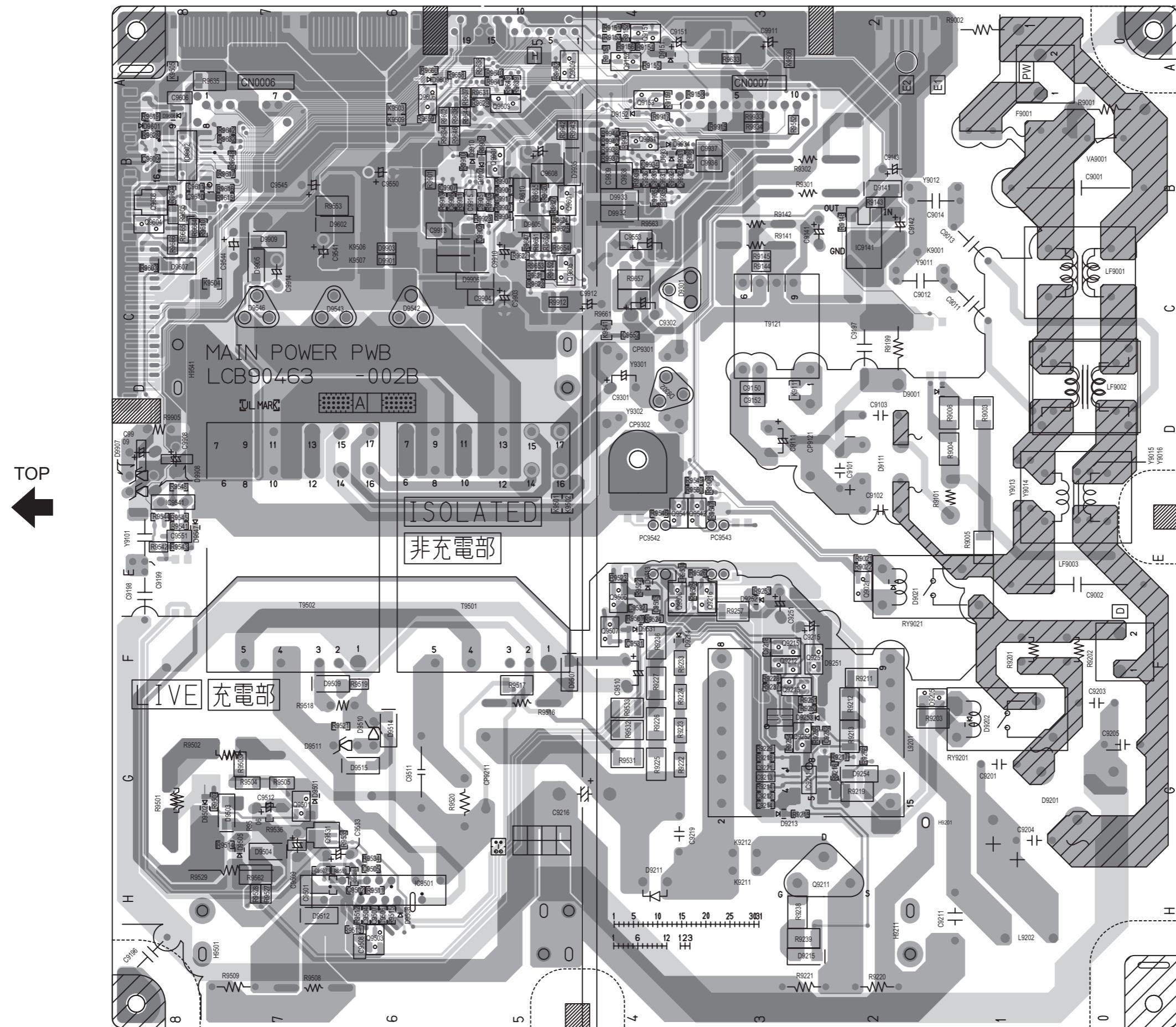
FRONT LED PWB PATTERN [SOLDER SIDE]



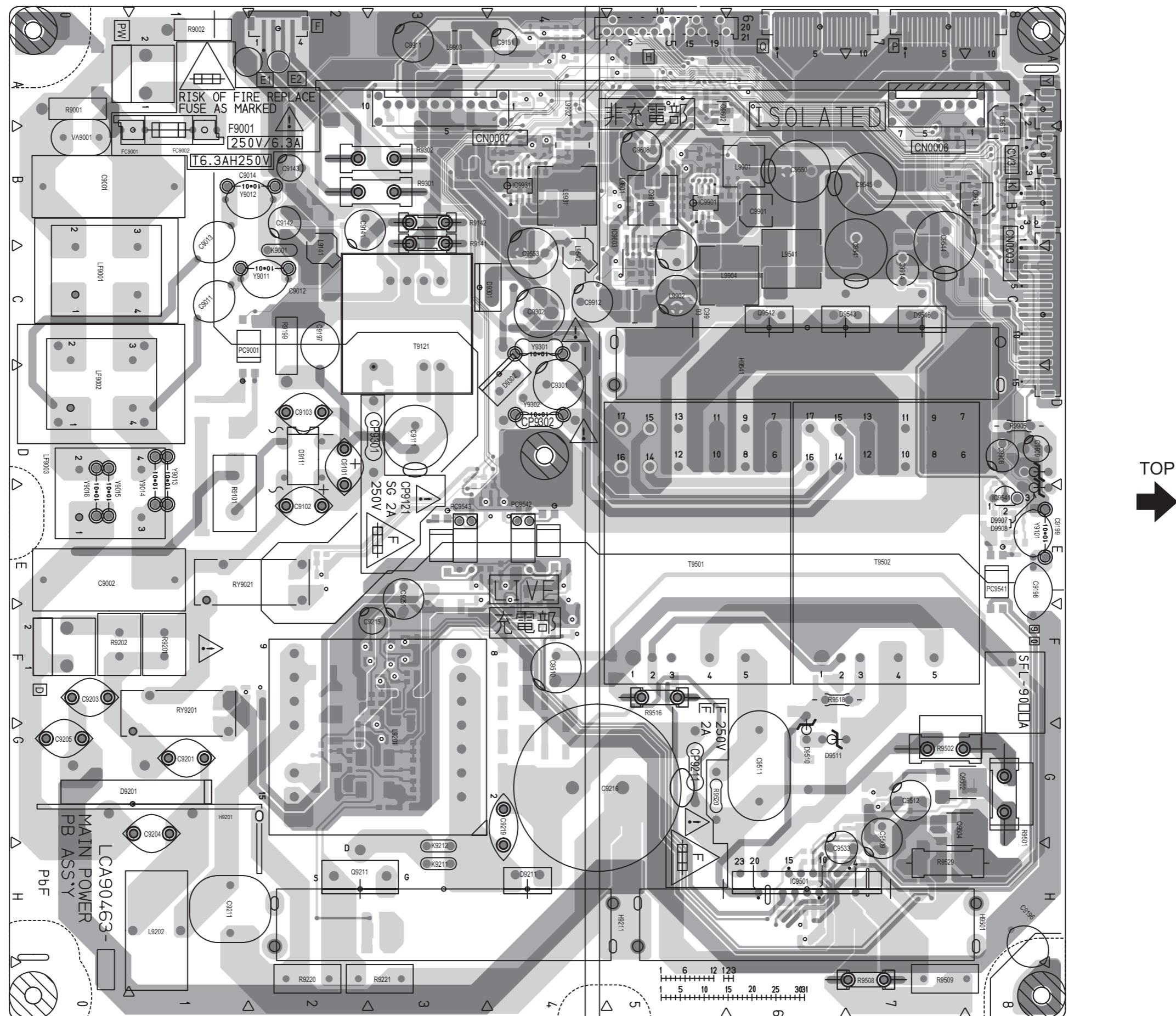
FRONT LED PWB PATTERN [PARTS SIDE]



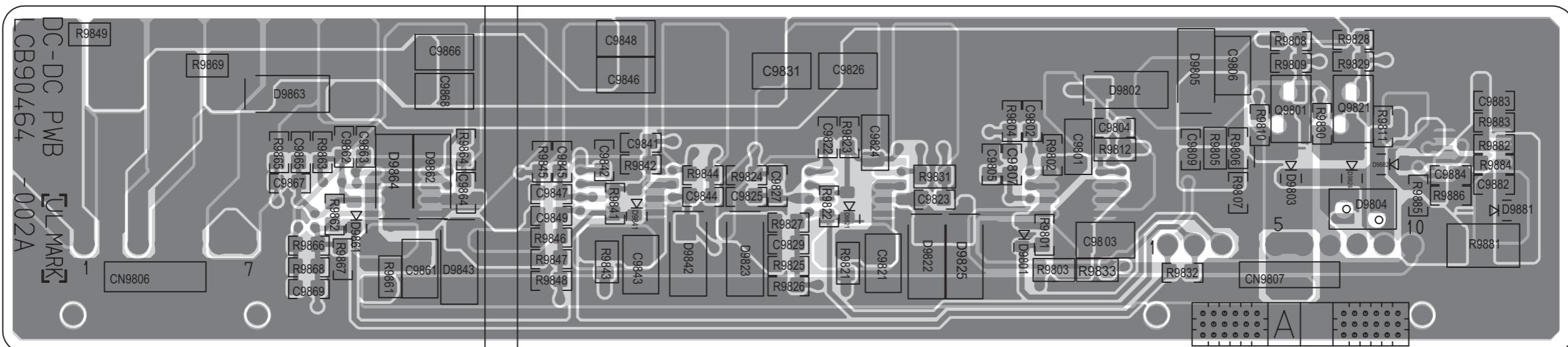
POWER PWB PATTERN [SOLDER SIDE]



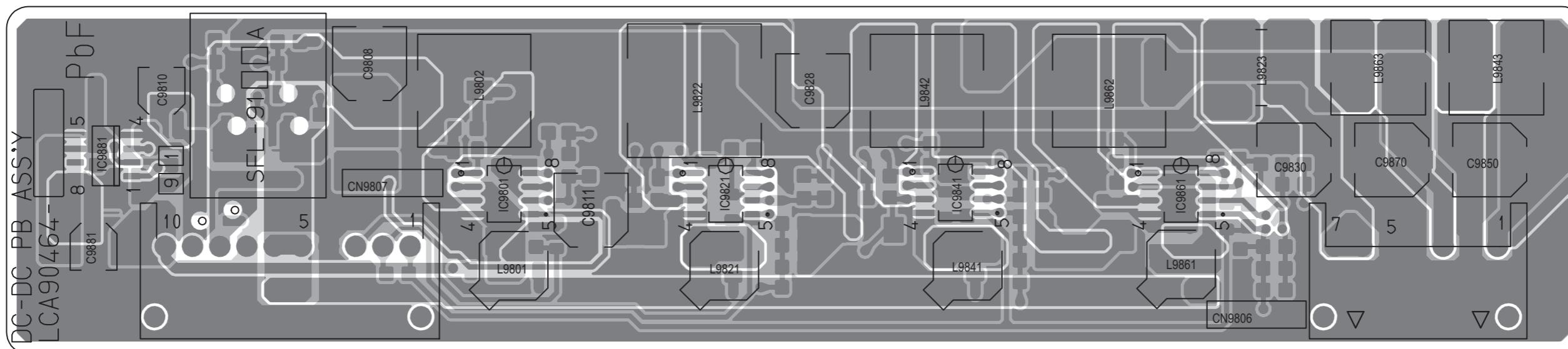
POWER PWB PATTERN [PARTS SIDE]



REGULATOR PWB PATTERN [SOLDER SIDE]



REGULATOR PWB PATTERN [SOLDER SIDE]



<POWER PWB> [P.2-47 - P.2-48]			
MODE PIN NO.	DC (V)	MODE PIN NO.	DC (V)
IC9141		IC9881	
1	5.6	E	0
2	0	C	0
3	4.9	B	0.7
IC9211		S	0
1	2.5	D	375.1
2	2.1	G	1.0
3	1.5	Q9503	
4	0.1	E	0
5	4.6	C	0.1
6	0	B	0.6
7	4.1	Q9801	
8	20.0	E	0
Q9021		C	0
E	0	B	0.6
C	0	Q9504	
B	0.7	S	22.4
Q9211		D	37.4
S	0.1	G	20.8
D	209.5	Q9506	
G	4.1	E	0
Q9212		C	10.0
E	0	B	0.1
C	10.0	Q9541	
B	0	E	0
Q9213		C	0
1	0	B	3.2
2	10.0	Q9602	
3	20.0	E	12.3
4	20.1	C	12.9
5	0.1	B	13.0
6	0	Q9603	
Q9215		E	0
E	0	C	0.1
C	0	B	3.3
B	0.6	Q9901	
Q9216		E	0
E	0	C	0.1
C	10.6	B	0.6
B	0.1	Q9251	
Q9252		E	0
E	0	C	9.9
B	0.5	B	0.5
Q9252		Q9606	
E	0	E	0
C	0.1	C	0
B	0.6	B	0.6
Q9251		Q9251	
1	24.0	1	24.0
2	24.0	2	24.0
3	24.0	3	24.0
4	24.0	4	24.0
5	24.0	5	24.0
6	0	6	0
7	0	7	0
8	0	8	0
9	0	9	0
10	0	10	0

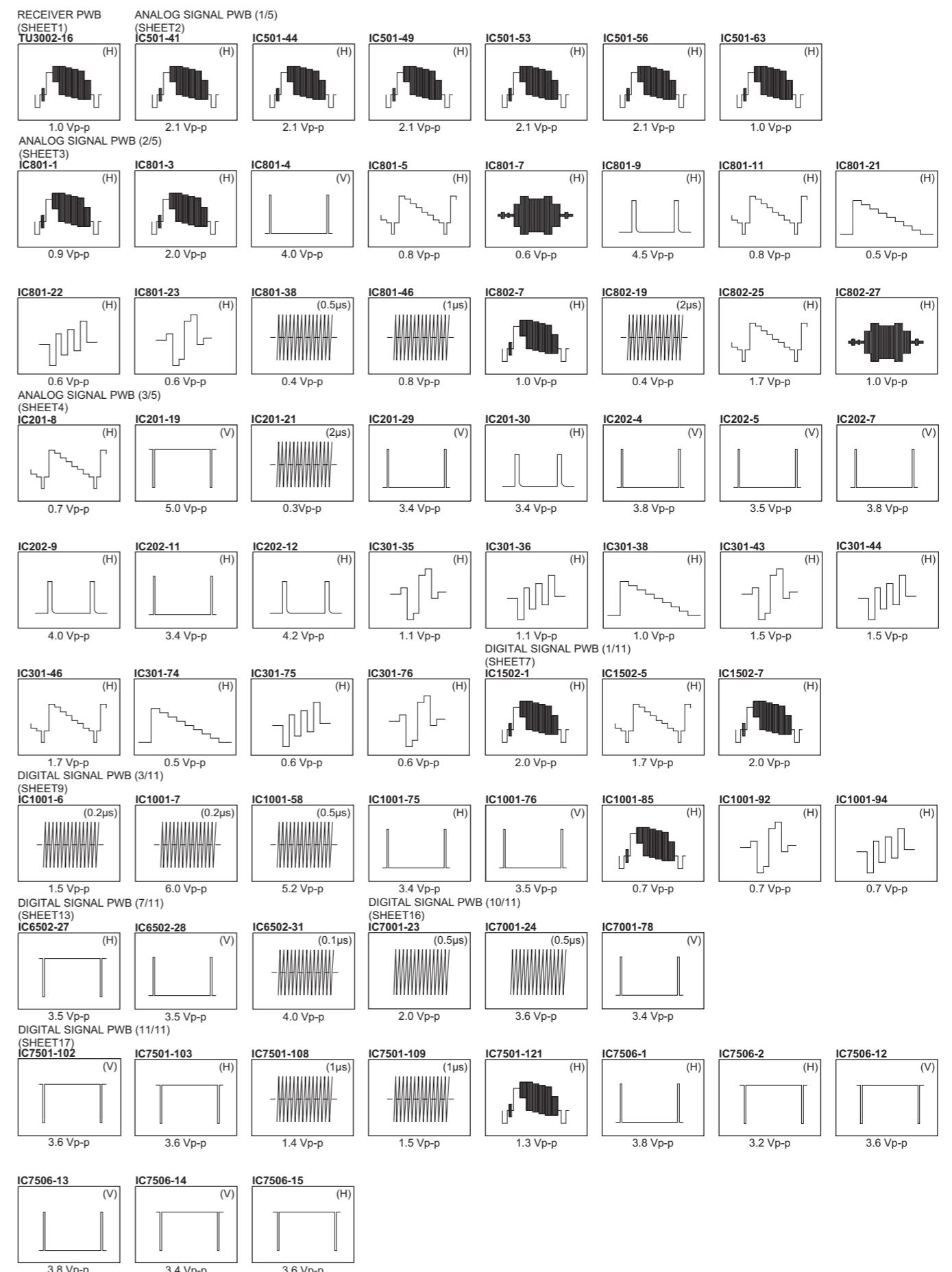
<POWER PWB> [P.2-49 - P.2-50]	
MODE PIN NO.	DC (V)
IC9501	
4	0
7	20.1
8	0
10	4.9
11	1.1
12	5.0
13	3.0
14	0.8
15	4.9
16	1.3
19	250.5
20	249.1
23	375.8
IC9541	
1	2.4
2	0
3	10.6
IC9602	
1	0
2	4.8
3	4.8
4	5.3
5	0.1
6	5.3
7	0
8	0
9	0
10	0
11	5.3
12	0
13	5.3
14	0
15	0
16	0
IC9901	
1	13.4
2	24.0
3	9.0
4	0
5	1.2
6	1.0
7	6.2
8	1.1

<REGULATOR PWB>

[P.2-51 - P.2-52]

MODE PIN NO.	DC (V)
IC9801	
1	9.7
2	24.0
3	5.2
4	0
5	1.2
6	1.0
7	6.1
8	1.1
IC9821	
1	9.7
2	24.0
3	5.2
4	0
5	1.1
6	1.0
7	5.1
8	1.1
IC9841	
1	8.1
2	24.0
3	3.3
4	0
5	1.2
6	0.9
7	3.3
8	1.1
IC9861	
1	7.5
2	24.0
3	2.8
4	0
5	1.2
6	1.0
7	3.1
8	1.1

WAVEFORMS





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(No.YA296)



Printed in Japan
VPT

PARTS LIST

CAUTION

- The parts identified by the Δ symbol are important for the safety. Whenever replacing these parts, be sure to use specified ones to secure the safety.
- The parts not indicated in this Parts List and those which are filled with lines --- in the Parts No. columns will not be supplied.
- P.W. BOARD Ass'y will not be supplied, but those which are filled with the Parts No. in the Parts No. columns will be supplied.

ABBREVIATIONS OF RESISTORS, CAPACITORS AND TOLERANCES

RESISTORS		CAPACITORS	
CR	Carbon Resistor	C CAP.	Ceramic Capacitor
FR	Fusible Resistor	E CAP.	Electrolytic Capacitor
PR	Plate Resistor	M CAP.	Mylar Capacitor
VR	Variable Resistor	CH CAP.	Chip Capacitor
H V R	High Voltage Resistor	HV CAP.	High Voltage Capacitor
MF R	Metal Film Resistor	MF CAP.	Metalized Film Capacitor
MG R	Metal Glazed Resistor	MM CAP.	Metalized Mylar Capacitor
MP R	Metal Plate Resistor	MP CAP.	Metalized Polystyrol Capacitor
OM R	Metal Oxide Film Resistor	PP CAP.	Polypropylene Capacitor
CMF R	Coating Metal Film Resistor	PS CAP.	Polystyrol Capacitor
UNF R	Non-Flammable Resistor	TF CAP.	Thin Film Capacitor
CH V R	Chip Variable Resistor	MPP CAP.	Metalized Polypropylene Capacitor
CH MG R	Chip Metal Glazed Resistor	TAN. CAP.	Tantalum Capacitor
COMP. R	Composition Resistor	CH C CAP.	Chip Ceramic Capacitor
LPTC R	Linear Positive Temperature Coefficient Resistor	BP E CAP.	Bi-Polar Electrolytic Capacitor
		CH AL E CAP.	Chip Aluminum Electrolytic Capacitor
		CH AL BP CAP.	Chip Aluminum Bi-Polar Capacitor
		CH TAN. E CAP.	Chip Tantalum Electrolytic Capacitor
		CH AL BP E CAP.	Chip Tantalum Bi-Polar Electrolytic Capacitor

RESISTORS									
F	G	J	K	M	N	R	H	Z	P
$\pm 1\%$	$\pm 2\%$	$\pm 5\%$	$\pm 10\%$	$\pm 20\%$	$\pm 30\%$	$+30\%$ -10%	$+50\%$ -10%	$+80\%$ -20%	$+100\%$ -0%

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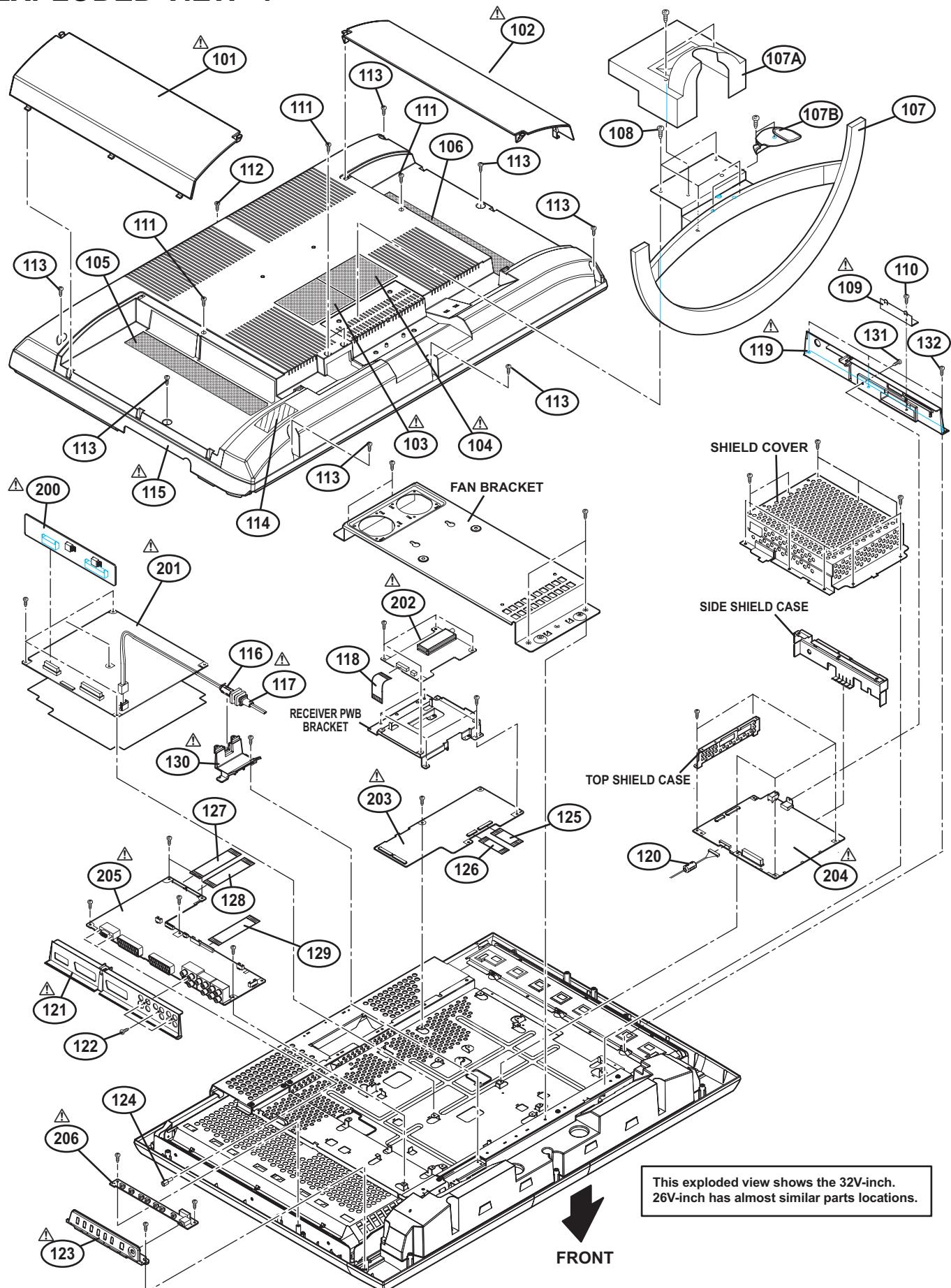
USING P.W. BOARD & REMOTE CONTROL UNIT

P.W.B ASS'Y	LT-26S60BU	LT-26S60SU	LT-32S60BU	LT-32S60SU
ANALOG SIGNAL P.W.B	SFL-1112A-U2	←	←	←
CONNECTOR P.W.B	SFL-4112A-U2	←	←	←
FRONT CONTROL P.W.B	SFL-7111A-U2	←	←	←
FRONT LED P.W.B	SFL-8133A-U2	←	←	←
POWER P.W.B	SFL-9028A-U2	←	←	←
REGULATOR P.W.B	SFL-9128A-U2	←	←	←
DIGITAL SIGNAL P.W.B	SFL0D236A-U2	←	SFL0D235A-U2	←
RECEIVER P.W.B	SFL0F204A-U2	←	←	←
REMOTE CONTROL UNIT	RM-C1811H-1C	←	←	←

EXPLODED VIEW PARTS LIST -1

Ref.No.	Part No.	Part Name	Description	Local
101	LC12254-002B-U	JACK COVER R		LT-26S60BU,LT-26S60SU
101	LC12282-001A-U	JACK COVER R		LT-32S60BU,LT-32S60SU
102	LC12254-001B-U	JACK COVER L		LT-26S60BU,LT-26S60SU
102	LC12282-001A-U	JACK COVER L		LT-32S60BU,LT-32S60SU
103	LC21301-065A-U	RATING LABEL		LT-26S60BU
103	LC21301-067A-U	RATING LABEL		LT-26S60SU
103	LC21301-069A-U	RATING LABEL		LT-32S60BU
103	LC21301-071A-U	RATING LABEL		LT-32S60SU
104	LC21300-047A-U	RATING LABEL		LT-26S60BU,LT-26S60SU
104	LC21300-048A-U	RATING LABEL		LT-32S60BU,LT-32S60SU
105	LC32748-005A-H	OPERATION SHEET		
106	LC32749-006A-H	OPERATION SHEET		
107	GA10054-001A-U	STAND ASSY	Inc. 107A/107B	
107A	GA30092-001A-U	STAND COVER		
107B	GA30081-001A-U	CABLE COVER		
108	QYSPSPD5014MA	SCREW	M5 x 14mm(x4)	
109	LC32760-002A-HK	SERVICE COVER		
110	QYSBSF3010ZA	TAP SCREW	M3 x 10mm	
111	QYSBSF3010ZA	TAP SCREW	M3 x 10mm(x4)	
112	QYSPSPD3008ZA	SCREW	M3 x 8mm	
113	QYSBSFG4016ZA	TAP SCREW	M4 x 16mm(x7)	
114	LC41999-004A-U	CAUTION LABEL		
115	LC12410-001A-U	REAR COVER		LT-26S60BU,LT-26S60SU
115	LC12411-001A-U	REAR COVER		LT-32S60BU,LT-32S60SU
116	QQR0491-001	FERRITE CORE		
117	QMPK300-170-JC	POWER CORD(EU)	1.7m BLACK	
118	QUQ105-4006AL-E	FFC WIRE	40pin 6cm	
119	LC21734-004A-U	TUNER BASE		
120	QQR0490-001	NOISE FILTER		
121	LC21735-002A-U	TERMINAL BASE		LT-26S60BU,LT-32S60BU
121	LC21735-001B-U	TERMINAL BASE		LT-26S60SU,LT-32S60SU
122	QYSBSF3010MA	TAP SCREW	M3 x 10mm(x3)	
123	LC32316-001A-U	CONTROL ASSY		
124	QNB0036-001	HEX SCREW	(x2)	
125	QUQ105-5004AA-E	FFC WIRE	50pin 4cm	
126	QUQ105-3004AA-E	FFC WIRE	30pin 4cm	
127	QUQ105-5009AE-E	FFC WIRE	50pin 9cm	
128	QUQ105-5009AE-E	FFC WIRE	50pin 9cm	
129	QUQK12-2106CH-E	FFC WIRE	21pin 6cm	
130	LC21348-002A-HK	POWER CORD HOLDER		
131	QYSPSP3008MA	SCREW	M3 x 8mm	
132	QYSPSPD3008MA	SCREW	M3 x 8mm(x3)	
200	SFL-9128A-U2	REGULATOR PWB		
201	SFL-9028A-U2	POWER PWB		
202	SFL0F204A-U2	RECEIVER PWB		
203	SFL-4112A-U2	CONNECTOR PWB		
204	SFL0D236A-U2	DIGITAL SIGNAL PWB		LT-26S60BU,LT-26S60SU
204	SFL0D235A-U2	DIGITAL SIGNAL PWB		LT-32S60BU,LT-32S60SU
205	SFL-1112A-U2	ANALOG SIGNAL PWB		
206	SFL-7111A-U2	FRONT CONTROL PWB		

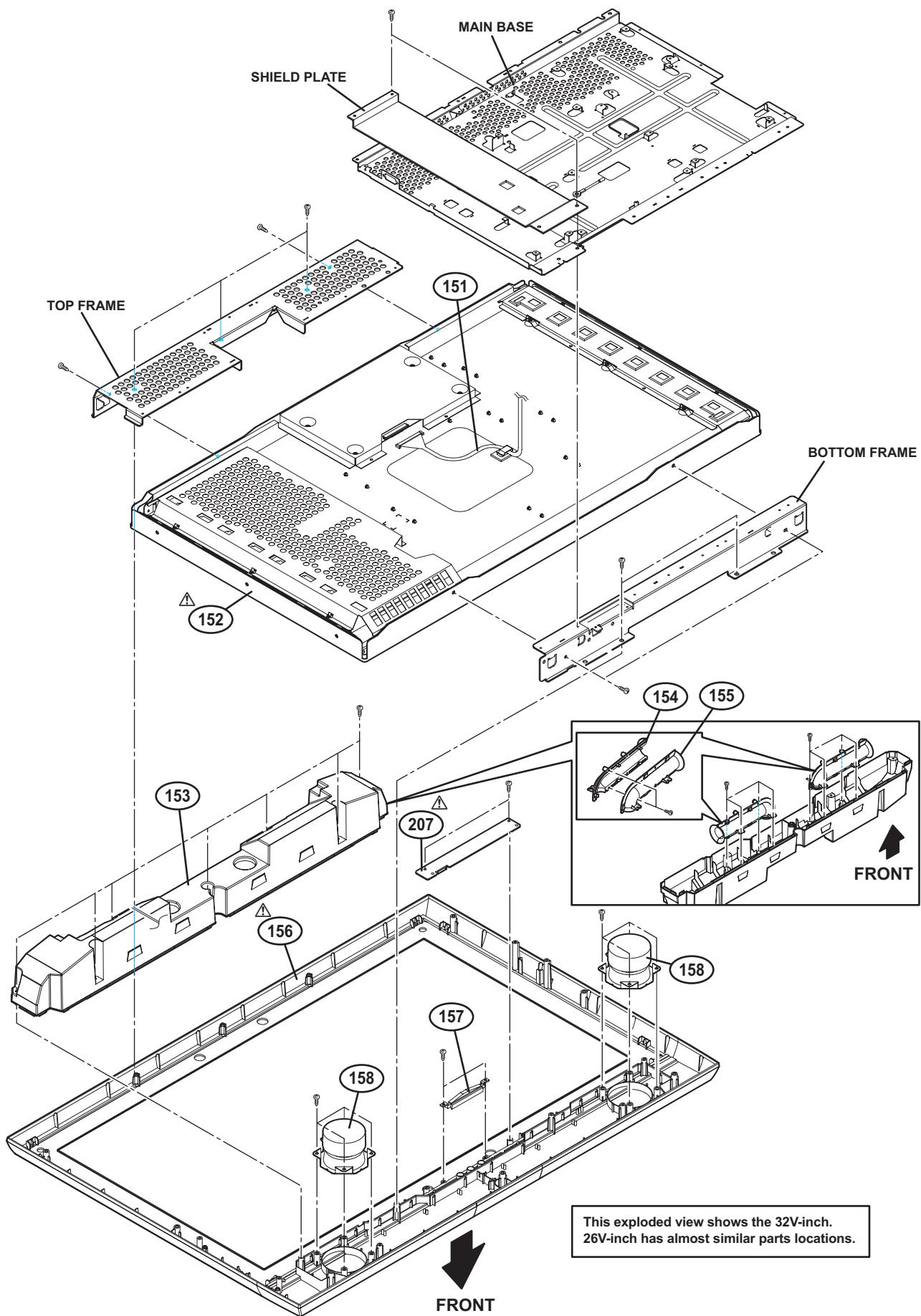
EXPLODED VIEW -1



EXPLODED VIEW PARTS LIST -2

△	Ref.No.	Part No.	Part Name	Description	Local
△	151	WJW0024-001A-E	DIGITAL(LVDS)CABLE		
△	152	QLD0370-001-JUK	LCD PANEL UNIT		LT-26S60BU,LT-26S60SU
△	152	QLD0371-001-JUK	LCD PANEL UNIT		LT-32S60BU,LT-32S60SU
	153	LC12412-001A-U	SPEAKER BOX		
	154	LC21340-002B-U	DUCT COVER	(x2)	
	155	LC21339-002B-U	DUCT BASE	(x2)	
△	156	LC12398-003A-U	FRONT PANEL ASSY		LT-26S60BU
△	156	LC12398-004A-U	FRONT PANEL ASSY		LT-26S60SU
△	156	LC12278-003A-U	FRONT PANEL ASSY		LT-32S60BU
△	156	LC12278-004A-U	FRONT PANEL ASSY		LT-32S60SU
	157	LC33125-001B-HK	LED LENS		
	158	QAS0142-001	SPEAKER	SP01/SP02(x2)	
△	207	SFL-8133A-U2	FRONT LED PWB		

EXPLODED VIEW -2



PRINTED WIRING BOARD PARTS LIST [LT-26S60BU, LT-26S60SU]

ANALOG SIGNAL P.W. BOARD ASS'Y (SFL-1112A-U2)

▲Ref No.	Part No.	Part Name	Description	Local	▲Ref No.	Part No.	Part Name	Description	Local
IC201	TB1305FG	IC			D902	1SS355-X	SI DIODE		
IC202	SN74CBT3253PW-X	IC			D903	PTZ11B-X	Z DIODE		
IC301	AN15852A	IC			D904	PTZ6.8B-X	Z DIODE		
IC501	CXA2069Q	IC			D905	MA8030/H/-X	Z DIODE		
IC502	MM1510XN-X	IC			D2001	UDZS10B-X	Z DIODE		
IC503	MM1508XN-X	IC			D2002	UDZS10B-X	Z DIODE		
IC711	CXA1875AM-X	IC			D2003	UDZS10B-X	Z DIODE		
IC801	TB1274BFG	IC			D2004	UDZS10B-X	Z DIODE		
IC802	TC90A69AF-X	IC			D2005	UDZS10B-X	Z DIODE		
IC902	TA48M033F-X	IC	3.3V Regulator		D2101	UDZS10B-X	Z DIODE		
IC6001	NJM2777M-X	IC			D2102	UDZS10B-X	Z DIODE		
IC6201	PQ20WZ11-X	IC			D2103	UDZS10B-X	Z DIODE		
IC6521	NJW1164M-W	IC			D2104	UDZS10B-X	Z DIODE		
IC6551	RC4558D-X	IC			D2105	UDZS10B-X	Z DIODE		
IC6552	RC4558D-X	IC			D2106	UDZS10B-X	Z DIODE		
IC6621	LM393DR-X	IC			D2107	UDZS10B-X	Z DIODE		
IC6661	TDA8925ST/N1	IC			D2201	UDZS10B-X	Z DIODE		
Q301	2SC3837K/NP/-X	TRANSISTOR			D2202	UDZS10B-X	Z DIODE		
Q302	2SC3837K/NP/-X	TRANSISTOR			D2203	UDZS10B-X	Z DIODE		
Q303	2SC3837K/NP/-X	TRANSISTOR			D2204	UDZS10B-X	Z DIODE		
Q307	2SA1530A/QR/-X	TRANSISTOR			D2205	UDZS10B-X	Z DIODE		
Q402	SSM3K17FU-X	MOS FET			D2206	UDZS10B-X	Z DIODE		
Q403	SSM3K17FU-X	MOS FET			D2207	UDZS10B-X	Z DIODE		
Q404	SSM3K17FU-X	MOS FET			D2301	UDZS10B-X	Z DIODE		
Q405	SSM3K17FU-X	MOS FET			D2302	UDZS10B-X	Z DIODE		
Q507	2SA1530A/QR/-X	TRANSISTOR			D2303	UDZS10B-X	Z DIODE		
Q508	2SA1530A/QR/-X	TRANSISTOR			D2304	UDZS10B-X	Z DIODE		
Q510	2SA1530A/QR/-X	TRANSISTOR			D2305	UDZS10B-X	Z DIODE		
Q801	2SA1530A/QR/-X	TRANSISTOR			D2601	UDZS10B-X	Z DIODE		
Q802	2SA1530A/QR/-X	TRANSISTOR			D2602	UDZS10B-X	Z DIODE		
Q804	2SC3928A/QR/-X	TRANSISTOR			D2603	UDZS10B-X	Z DIODE		
Q805	2SC3928A/QR/-X	TRANSISTOR			D2604	UDZS10B-X	Z DIODE		
Q806	2SC3928A/QR/-X	TRANSISTOR			D2605	UDZS10B-X	Z DIODE		
Q807	2SC3928A/QR/-X	TRANSISTOR			D6001	1SS355-X	SI DIODE		
Q808	2SC3928A/QR/-X	TRANSISTOR			D6002	1SS355-X	SI DIODE		
Q809	2SC3928A/QR/-X	TRANSISTOR			D6201	1SS355-X	SI DIODE		
Q810	2SA1530A/QR/-X	TRANSISTOR			D6431	1SS355-X	SI DIODE		
Q851	2SA1530A/QR/-X	TRANSISTOR			D6432	1SS355-X	SI DIODE		
Q853	2SC3928A/QR/-X	TRANSISTOR			D6433	1SS355-X	SI DIODE		
Q854	2SC3928A/QR/-X	TRANSISTOR			D6501	1SS355-X	SI DIODE		
Q855	2SA1530A/QR/-X	TRANSISTOR			D6502	1SS355-X	SI DIODE		
Q858	2SC3928A/QR/-X	TRANSISTOR			D6503	1SS355-X	SI DIODE		
Q859	2SA1530A/QR/-X	TRANSISTOR			D6504	1SS355-X	SI DIODE		
Q862	2SC3928A/QR/-X	TRANSISTOR			D6601	UDZS6.2B-X	Z DIODE		
Q863	2SC3928A/QR/-X	TRANSISTOR			D6663	UDZS3.3B-X	Z DIODE		
Q901	BA90BC0FP-X	IC			D6664	1SS355-X	SI DIODE		
Q902	2SC3074/OY/-X	TRANSISTOR			D6671	UDZS20B-X	Z DIODE		
Q903	2SC3928A/QR/-X	TRANSISTOR			D6672	UDZS20B-X	Z DIODE		
Q2051	UN2226-X	DIGI TRANSISTOR			D6673	UDZS20B-X	Z DIODE		
Q2052	UN2226-X	DIGI TRANSISTOR			D6674	UDZS20B-X	Z DIODE		
Q2053	UN2110-X	DIGI TRANSISTOR			D6681	1SS355-X	SI DIODE		
Q2151	UN2226-X	DIGI TRANSISTOR			D6682	1SS355-X	SI DIODE		
Q2152	UN2226-X	DIGI TRANSISTOR			D6683	1SS355-X	SI DIODE		
Q2153	UN2110-X	DIGI TRANSISTOR			C201	NCB31CK-105X	C CAPACITOR	1uF 16V K	
Q2171	2SC3928A/QR/-X	TRANSISTOR			C202	NCB31CK-105X	C CAPACITOR	1uF 16V K	
Q2172	2SC3928A/QR/-X	TRANSISTOR			C203	NCB31CK-105X	C CAPACITOR	1uF 16V K	
Q2173	UN2212-X	DIGI TRANSISTOR			C204	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
Q2451	UN2226-X	DIGI TRANSISTOR			C205	NCB31CK-105X	C CAPACITOR	1uF 16V K	
Q2452	UN2226-X	DIGI TRANSISTOR			C206	NCB31CK-105X	C CAPACITOR	1uF 16V K	
Q2453	UN2110-X	DIGI TRANSISTOR			C207	NCB31CK-105X	C CAPACITOR	1uF 16V K	
Q6301	2SC3928A/QR/-X	TRANSISTOR			C208	NDC31HJ-120X	C CAPACITOR	12pF 50V J	
Q6302	2SC3928A/QR/-X	TRANSISTOR			C210	NCB11CK-475X	C CAPACITOR	4.7uF 16V K	
Q6421	2SC3928A/QR/-X	TRANSISTOR			C211	NCB11CK-475X	C CAPACITOR	4.7uF 16V K	
Q6431	2SA1530A/QR/-X	TRANSISTOR			C212	NCB31CK-105X	C CAPACITOR	1uF 16V K	
Q6521	2SC3928A/QR/-X	TRANSISTOR			C213	NCB31CK-103X	C CAPACITOR	0.01uF 16V K	
Q6522	2SC3928A/QR/-X	TRANSISTOR			C215	NCB11CK-475X	C CAPACITOR	4.7uF 16V K	
Q6523	2SA1530A/QR/-X	TRANSISTOR			C216	NCB31CK-105X	C CAPACITOR	1uF 16V K	
Q6531	2SC3928A/QR/-X	TRANSISTOR			C217	NCB31CK-105X	C CAPACITOR	1uF 16V K	
Q6532	2SC3928A/QR/-X	TRANSISTOR			C218	NCB31CK-105X	C CAPACITOR	1uF 16V K	
Q6533	2SC3928A/QR/-X	TRANSISTOR			C219	NCB31CK-105X	C CAPACITOR	1uF 16V K	
Q6534	2SA1530A/QR/-X	TRANSISTOR			C220	NCB31CK-105X	C CAPACITOR	1uF 16V K	
Q6538	2SC3928A/QR/-X	TRANSISTOR			C221	NCB31CK-105X	C CAPACITOR	1uF 16V K	
Q6539	2SC3928A/QR/-X	TRANSISTOR			C223	NCB11CK-475X	C CAPACITOR	4.7uF 16V K	
Q6661	UN2112-X	DIGI TRANSISTOR			C224	NCB31CK-105X	C CAPACITOR	1uF 16V K	
Q6662	2SC3928A/QR/-X	TRANSISTOR			C225	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
Q6663	UN2212-X	DIGI TRANSISTOR			C301	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
Q6673	2SA1530A/QR/-X	TRANSISTOR			C302	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
D201	1SS355-X	SI DIODE			C303	NRSA02J-221X	MG RESISTOR	220Ω 1/10W J	
D541	UDZS10B-X	Z DIODE			C304	NRSA02J-221X	MG RESISTOR	220Ω 1/10W J	
D551	UDZS10B-X	Z DIODE			C305	NRSA02J-221X	MG RESISTOR	220Ω 1/10W J	
D901	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J		C306	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
					C307	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
					C308	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
					C309	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	

△Ref No.	Part No.	Part Name	Description	Local	△Ref No.	Part No.	Part Name	Description	Local
C310	NCB31HK-103X	C CAPACITOR	0.01uF 50V		C860	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C313	NCB31HK-103X	C CAPACITOR	0.01uF 50V	K	C861	NDC31HJ-681X	C CAPACITOR	680pF 50V J	
C314	NCB31HK-103X	C CAPACITOR	0.01uF 50V	K	C862	NDC31HK-104X	C CAPACITOR	0.1uF 50V K	
C315	NCB31HK-103X	C CAPACITOR	0.01uF 50V	K	C863	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C316	NCB31HK-103X	C CAPACITOR	0.01uF 50V	K	C864	NCB31HJ-103X	C CAPACITOR	0.01uF 50V K	
C317	NCB31HK-103X	C CAPACITOR	0.01uF 50V	K	C865	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C318	NCB31HK-103X	C CAPACITOR	0.01uF 50V	K	C866	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C319	NEHL1CM-476X	E CAPACITOR	47uF 16V	M	C868	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C320	NCB31CK-104X	C CAPACITOR	0.1uF 16V	K	C869	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C321	NEHL1CM-106X	E CAPACITOR	10uF 16V	M	C870	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C322	NCF31CZ-104X	C CAPACITOR	0.1uF 16V	Z	C872	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C323	NEX61CM-686X	E CAPACITOR	68uF 16V	M	C873	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C324	NCB21CK-105X	C CAPACITOR	1uF 16V	K	C874	NDC31HJ-150X	C CAPACITOR	15pF 50V J	
C325	NCB21CK-105X	C CAPACITOR	1uF 16V	K	C875	NDC31HJ-100X	C CAPACITOR	10pF 50V J	
C326	NCB21CK-105X	C CAPACITOR	1uF 16V	K	C876	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C327	NCB21CK-105X	C CAPACITOR	1uF 16V	K	C877	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C328	NCB21CK-105X	C CAPACITOR	1uF 16V	K	C878	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C329	NCB21CK-105X	C CAPACITOR	1uF 16V	K	C879	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C330	NCB21CK-105X	C CAPACITOR	1uF 16V	K	C880	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C341	NCB31HK-103X	C CAPACITOR	0.01uF 50V	K	C881	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C342	NCB31HK-103X	C CAPACITOR	0.01uF 50V	K	C882	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C343	NCB21CK-105X	C CAPACITOR	1uF 16V	K	C883	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C346	NCB21CK-105X	C CAPACITOR	1uF 16V	K	C884	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C349	NCB11AK-106X	C CAPACITOR	10uF 10V	K	C885	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C372	NCF31CZ-104X	C CAPACITOR	0.1uF 16V	Z	C886	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C382	NCF31CZ-104X	C CAPACITOR	0.1uF 16V	Z	C887	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C392	NCF31CZ-104X	C CAPACITOR	0.1uF 16V	Z	C888	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C405	NCB11AK-475X	C CAPACITOR	4.7uF 10V	K	C889	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C406	NCB11AK-475X	C CAPACITOR	4.7uF 10V	K	C890	NEHL1CM-106X	E CAPACITOR	10uF 16V M	
C501	NEHL1CM-476X	E CAPACITOR	47uF 16V	M	C891	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
C502	NEHL1CM-476X	E CAPACITOR	47uF 16V	M	C892	NDC31HJ-180X	C CAPACITOR	18pF 50V J	
C503	NENA1EM-106X	BP E CAPACITOR	10uF 25V	M	C894	NDC31HJ-180X	C CAPACITOR	18pF 50V J	
C505	NENA1EM-106X	BP E CAPACITOR	10uF 25V	M	C895	NDC31HJ-680X	C CAPACITOR	68pF 50V J	
C508	NCB31HK-103X	C CAPACITOR	0.01uF 50V	K	C901	NEHM1HM-105X	E CAPACITOR	1uF 50V M	
C509	NCB31HK-103X	C CAPACITOR	0.01uF 50V	K	C902	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C515	NCB21CK-105X	C CAPACITOR	1uF 16V	K	C903	NCB31CK-154X	C CAPACITOR	0.15uF 16V K	
C516	NEHL1CM-106X	E CAPACITOR	10uF 16V	M	C905	NEHL1AM-107X	E CAPACITOR	100uF 10V M	
C518	NEHL1AM-107X	E CAPACITOR	100uF 10V	M	C906	NEHM1CM-476X	E CAPACITOR	47uF 16V M	
C519	NEHL1CM-106X	E CAPACITOR	10uF 16V	M	C912	NEHM1EM-336X	E CAPACITOR	33uF 25V M	
C520	NCB21CK-105X	C CAPACITOR	1uF 16V	K	C913	NEX51CM-335X	E CAPACITOR	3.3uF 16V M	
C521	NEHL1CM-106X	E CAPACITOR	10uF 16V	M	C914	NEX50JM-156X	E CAPACITOR	15uF 6.3V M	
C522	NEHL1AM-107X	E CAPACITOR	100uF 10V	M	C915	NEHM1EM-336X	E CAPACITOR	33uF 25V M	
C523	NCB21CK-105X	C CAPACITOR	1uF 16V	K	C916	NEX50JM-156X	E CAPACITOR	15uF 6.3V M	
C711	NEHL1CM-106X	E CAPACITOR	10uF 16V	M	C2001	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C712	NCF31CZ-104X	C CAPACITOR	0.1uF 16V	Z	C2005	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C801	NCB31HK-104X	C CAPACITOR	0.1uF 50V	K	C2006	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C802	NCB31HK-104X	C CAPACITOR	0.1uF 50V	K	C2008	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C803	NCB31HK-104X	C CAPACITOR	0.1uF 50V	K	C2009	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C804	NEHL1CM-476X	E CAPACITOR	47uF 16V	M	C2010	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C805	NCB31HK-103X	C CAPACITOR	0.01uF 50V	K	C2011	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C806	NCB31HK-103X	C CAPACITOR	0.01uF 50V	K	C2051	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C807	NEHL1CM-476X	E CAPACITOR	47uF 16V	M	C2052	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C808	NCB31HK-103X	C CAPACITOR	0.01uF 50V	K	C2053	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C809	NCF11CZ-475X	C CAPACITOR	4.7uF 16V	Z	C2101	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C810	NCB31HK-104X	C CAPACITOR	0.1uF 50V	K	C2105	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C811	NCB31HK-104X	C CAPACITOR	0.1uF 50V	K	C2106	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C812	NCB31HK-104X	C CAPACITOR	0.1uF 50V	K	C2107	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C813	NEHL1CM-476X	E CAPACITOR	47uF 16V	M	C2108	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C814	NCB31HK-103X	C CAPACITOR	0.01uF 50V	K	C2109	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C815	NCB31HK-104X	C CAPACITOR	0.1uF 50V	K	C2110	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C816	NCB31HK-104X	C CAPACITOR	0.1uF 50V	K	C2151	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C817	NCB31HK-104X	C CAPACITOR	0.1uF 50V	K	C2152	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C818	NEHL1HM-106X	E CAPACITOR	10uF 50V	M	C2153	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C819	NDC31HJ-100X	C CAPACITOR	10pF 50V	J	C2201	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C820	NCB31AK-474X	C CAPACITOR	0.47uF 10V	K	C2202	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C821	NCB31HK-103X	C CAPACITOR	0.01uF 50V	K	C2203	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C822	NCB11CK-225X	C CAPACITOR	2.2uF 16V	K	C2204	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C823	NCB31HK-153X	C CAPACITOR	0.015uF 50V	K	C2205	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C824	NCB31HK-103X	C CAPACITOR	0.01uF 50V	K	C2206	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C825	NDC31HJ-180X	C CAPACITOR	18pF 50V	J	C2207	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C826	NEHL1EM-226X	E CAPACITOR	22uF 25V	M	C2208	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C827	NEHL0JM-107X	E CAPACITOR	100uF 6.3V	M	C2301	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C829	NCB31HK-104X	C CAPACITOR	0.1uF 50V	K	C2302	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C830	NCB31HK-104X	C CAPACITOR	0.1uF 50V	K	C2303	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C831	NCB31HK-104X	C CAPACITOR	0.1uF 50V	K	C2306	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C832	NCB31HK-104X	C CAPACITOR	0.1uF 50V	K	C2307	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C833	NCB31HK-104X	C CAPACITOR	0.1uF 50V	K	C2308	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C834	NCB31HK-104X	C CAPACITOR	0.1uF 50V	K	C2309	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C835	NCB31HK-103X	C CAPACITOR	0.01uF 50V	K	C2310	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C850	NDC31HJ-180X	C CAPACITOR	18pF 50V	J	C2311	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C851	NDC31HJ-560X	C CAPACITOR	56pF 50V	J	C2401	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C852	NDC31HJ-560X	C CAPACITOR	56pF 50V	J	C2402	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C853	NEHL1CM-476X	E CAPACITOR	47uF 16V	M	C2451	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C854	NCB31HK-104X	C CAPACITOR	0.1uF 50V	K	C2452	NCB11CK-225X	C CAPACITOR	2.2uF 16V K	
C855	NCB31HK-103X	C CAPACITOR	0.01uF 50V	K	C2453	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C856	NCB31HK-103X	C CAPACITOR	0.01uF 50V	K	C2601	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C857	NCB31HK-103X	C CAPACITOR	0.01uF 50V	K	C2602	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C858	NCB31HK-103X	C CAPACITOR	0.01uF 50V	K	C2603	NCB31CK-105X	C CAPACITOR	1uF 16V K	
C859	NCB31AK-474X	C CAPACITOR	0.47uF 10V	K	C6001	NCF31AZ-105X	C CAPACITOR	1uF 10V Z	

△Ref No.	Part No.	Part Name	Description	Local	△Ref No.	Part No.	Part Name	Description	Local
C6002	NCF31AZ-105X	C CAPACITOR	1uF 10V Z		C6671	NCB31HK-153X	C CAPACITOR	0.015uF 50V K	
C6003	NEHL1AM-107X	E CAPACITOR	100uF 10V M		C6672	QETN1EM-477Z	E CAPACITOR	470uF 25V M	
C6004	NEHL1AM-107X	E CAPACITOR	100uF 10V M		C6673	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C6005	NEHL1HM-105X	E CAPACITOR	1uF 50V M		C6674	QETN1EM-477Z	E CAPACITOR	470uF 25V M	
C6006	NEHL1HM-105X	E CAPACITOR	1uF 50V M		C6675	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C6007	QETN1AM-108Z	E CAPACITOR	1000uF 10V M		C6676	NCDC31HJ-561X	C CAPACITOR	560pF 50V J	
C6008	NEHL1HM-106X	E CAPACITOR	10uF 50V M		C6677	NCDC31HJ-561X	C CAPACITOR	560pF 50V J	
C6009	NCF31AZ-105X	C CAPACITOR	1uF 10V Z		C6678	QFV21HJ-224Z	MF CAPACITOR	0.22uF 50V J	
C6010	NDC31HJ-331X	C CAPACITOR	330pF 50V J		C6679	QFVF1HJ-474Z	MF CAPACITOR	0.47uF 50V J	
C6011	NDC31HJ-331X	C CAPACITOR	330pF 50V J		C6680	NCB31HK-153X	C CAPACITOR	0.015uF 50V K	
C6201	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C6681	NCDC31HJ-561X	C CAPACITOR	560pF 50V J	
C6202	NEHL1EM-336X	E CAPACITOR	33uF 25V M		C6682	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C6203	NEHL1EM-336X	E CAPACITOR	33uF 25V M		C6683	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C6204	NCB31EK-104X	C CAPACITOR	0.1uF 25V K		C6684	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C6205	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C6685	QETN1EM-477Z	E CAPACITOR	470uF 25V M	
C6301	NENA1CM-475X	BP E CAPACITOR	4.7uF 16V M		C6687	QETN1EM-477Z	E CAPACITOR	470uF 25V M	
C6302	NENA1CM-475X	BP E CAPACITOR	4.7uF 16V M		C6688	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C6421	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C6693	QETN1CM-477Z	E CAPACITOR	470uF 16V M	
C6431	NEHL1CM-476X	E CAPACITOR	47uF 16V M						
C6505	NEHL1EM-475X	E CAPACITOR	4.7uF 25V M		R201	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
C6510	NEHL1EM-475X	E CAPACITOR	4.7uF 25V M		R202	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C6517	NDC31HJ-100X	C CAPACITOR	10pF 50V J		R203	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C6518	NDC31HJ-100X	C CAPACITOR	10pF 50V J		R204	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C6521	NEHL1EM-475X	E CAPACITOR	4.7uF 25V M		R206	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C6522	NCB31HK-332X	C CAPACITOR	3300pF 50V K		R208	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C6523	NCB31HK-333X	C CAPACITOR	0.033uF 50V K		R209	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C6525	NCB31HK-472X	C CAPACITOR	4700pF 50V K		R210	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C6526	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R211	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C6527	NEHL1EM-475X	E CAPACITOR	4.7uF 25V M		R213	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C6528	NEHL1EM-475X	E CAPACITOR	4.7uF 25V M		R214	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C6529	NCB31HK-332X	C CAPACITOR	3300pF 50V K		R215	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C6530	NCB31HK-333X	C CAPACITOR	0.033uF 50V K		R216	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C6532	NCB31HK-472X	C CAPACITOR	4700pF 50V K		R217	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C6533	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R218	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C6534	NEHL1EM-475X	E CAPACITOR	4.7uF 25V M		R219	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C6535	NEHL1HM-105X	E CAPACITOR	1uF 50V M		R220	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C6536	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R232	NR512BJ-151W	MG RESISTOR	150Ω 1/2W J	
C6537	NEHL1EM-475X	E CAPACITOR	4.7uF 25V M		R302	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C6538	NEHL1EM-475X	E CAPACITOR	4.7uF 25V M		R303	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C6539	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R334	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
C6540	NEHL1EM-475X	E CAPACITOR	4.7uF 25V M		R335	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
C6541	NEHL1EM-475X	E CAPACITOR	4.7uF 25V M		R336	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
C6542	NEHL1EM-475X	E CAPACITOR	4.7uF 25V M		R372	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C6543	NEHL1CM-476X	E CAPACITOR	47uF 16V M		R374	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
C6544	NEHL1HM-105X	E CAPACITOR	1uF 50V M		R375	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J	
C6545	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		R382	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C6546	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		R384	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
C6551	NEHL1HM-105X	E CAPACITOR	1uF 50V M		R385	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J	
C6552	NEHL1HM-105X	E CAPACITOR	1uF 50V M		R392	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C6553	NCB31CK-683X	C CAPACITOR	0.068uF 16V K		R394	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
C6554	NCB31CK-683X	C CAPACITOR	0.068uF 16V K		R395	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J	
C6555	NCB31CK-683X	C CAPACITOR	0.068uF 16V K		R402	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C6556	NCB31CK-683X	C CAPACITOR	0.068uF 16V K		R403	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C6557	NEHL1CM-476X	E CAPACITOR	47uF 16V M		R404	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C6559	NEHL1CM-476X	E CAPACITOR	47uF 16V M		R405	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C6561	NEHL1HM-105X	E CAPACITOR	1uF 50V M		R409	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
C6562	NEHL1HM-225X	E CAPACITOR	2.2uF 50V M		R410	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
C6563	NCB31EK-104X	C CAPACITOR	0.1uF 25V K		R501	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
C6564	NCB31EK-104X	C CAPACITOR	0.1uF 25V K		R502	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
C6567	NCB11EK-105X	C CAPACITOR	1uF 25V K		R503	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
C6568	NCB11EK-105X	C CAPACITOR	1uF 25V K		R504	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
C6585	NEHL1CM-106X	E CAPACITOR	10uF 16V M		R505	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
C6586	NEHL1CM-106X	E CAPACITOR	10uF 16V M		R508	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
C6601	NDC31HJ-101X	C CAPACITOR	100pF 50V J		R509	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
C6602	NDC31HJ-101X	C CAPACITOR	100pF 50V J		R510	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
C6605	NEHL1CM-476X	E CAPACITOR	47uF 16V M		R511	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
C6606	NEHL1CM-476X	E CAPACITOR	47uF 16V M		R512	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
C6621	NCB31HK-332X	C CAPACITOR	3300pF 50V K		R513	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
C6622	NCB31EK-104X	C CAPACITOR	0.1uF 25V K		R514	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
C6623	NEHL1EM-226X	E CAPACITOR	22uF 25V M		R516	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
C6624	NCB31HK-222X	C CAPACITOR	2200pF 50V K		R517	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
C6625	NCB31EK-104X	C CAPACITOR	0.1uF 25V K		R518	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
C6626	NCB31HK-222X	C CAPACITOR	2200pF 50V K		R520	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
C6627	NCB31EK-104X	C CAPACITOR	0.1uF 25V K		R521	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
C6628	NEHL1EM-226X	E CAPACITOR	22uF 25V M		R522	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
C6629	NCB31HK-222X	C CAPACITOR	2200pF 50V K		R523	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
C6630	NCB31EK-104X	C CAPACITOR	0.1uF 25V K		R524	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
C6631	NCB31HK-222X	C CAPACITOR	2200pF 50V K		R527	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
C6632	NCB31HK-332X	C CAPACITOR	3300pF 50V K		R529	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
C6661	NCB11EK-105X	C CAPACITOR	1uF 25V K		R530	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
C6662	NCB11EK-105X	C CAPACITOR	1uF 25V K		R531	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
C6663	NCB31HK-104X	C CAPACITOR	0.1uF 50V K		R534	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C6664	QETN1HM-226Z	E CAPACITOR	22uF 50V M		R538	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
C6665	NCB31HK-104X	C CAPACITOR	0.1uF 50V K		R539	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C6666	QETN1HM-226Z	E CAPACITOR	22uF 50V M		R540	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
C6667	NCB31HK-104X	C CAPACITOR	0.1uF 50V K		R541	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C6668	NDC31HJ-561X	C CAPACITOR	560pF 50V J		R542	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C6669	QFV21HJ-224Z	MF CAPACITOR	0.22uF 50V J		R543	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
C6670	QFVF1HJ-474Z	MF CAPACITOR	0.47uF 50V J		R544	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	

△Ref No.	Part No.	Part Name	Description	Local	△Ref No.	Part No.	Part Name	Description	Local
R545	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J		R887	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R552	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J		R888	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R553	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J		R889	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R554	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J		R893	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R556	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R901	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R572	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R902	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R573	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R903	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R575	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J		R904	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R576	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		R907	NRS12BJ-0R0W	MG RESISTOR	0Ω 1/2W J	
R577	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		R908	NRS12BJ-471W	MG RESISTOR	470Ω 1/2W J	
R578	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J		R917	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R590	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		R2001	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R711	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R2002	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R713	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R2003	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R714	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R2004	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R715	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R2005	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R716	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R2006	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J	
R717	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R2051	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R718	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R2052	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
R719	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R2053	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R720	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R2054	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R721	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R2055	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
R722	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R2056	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R724	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R2057	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R801	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		R2058	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J	
R802	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		R2101	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R803	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J		R2102	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R804	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		R2103	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R805	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		R2104	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R806	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J		R2105	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R807	NRSA63J-752X	MG RESISTOR	7.5kΩ 1/16W J		R2106	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R808	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R2151	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R809	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R2152	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J	
R810	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J		R2153	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R811	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J		R2154	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
R812	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J		R2155	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R813	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J		R2156	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R814	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J		R2157	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
R815	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J		R2158	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R816	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J		R2159	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R817	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R2160	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J	
R818	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J		R2161	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R819	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R2163	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R820	NRSA63J-154X	MG RESISTOR	150kΩ 1/16W J		R2171	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R821	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J		R2172	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R822	NRSA63J-154X	MG RESISTOR	150kΩ 1/16W J		R2173	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R823	NRSA63J-154X	MG RESISTOR	150kΩ 1/16W J		R2201	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R824	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J		R2202	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R825	NRSA63J-154X	MG RESISTOR	150kΩ 1/16W J		R2203	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R826	NRSA63J-154X	MG RESISTOR	150kΩ 1/16W J		R2204	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R827	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J		R2205	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R828	NRSA63J-154X	MG RESISTOR	150kΩ 1/16W J		R2301	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R829	NRSA63J-154X	MG RESISTOR	150kΩ 1/16W J		R2302	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R830	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J		R2303	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R831	NRSA63J-154X	MG RESISTOR	150kΩ 1/16W J		R2304	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R832	NRSA63J-154X	MG RESISTOR	150kΩ 1/16W J		R2305	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J	
R833	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J		R2401	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R834	NRSA63J-154X	MG RESISTOR	150kΩ 1/16W J		R2402	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R835	NRSA63J-154X	MG RESISTOR	150kΩ 1/16W J		R2451	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R836	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J		R2452	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
R837	NRSA63J-154X	MG RESISTOR	150kΩ 1/16W J		R2453	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R838	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R2454	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R839	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		R2455	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J	
R840	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R2456	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R851	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J		R2457	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R852	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J		R2458	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J	
R853	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J		R2601	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R854	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J		R2602	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R855	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J		R2603	NRSA63J-750X	MG RESISTOR	75Ω 1/16W J	
R856	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J		R2604	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R859	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J		R2605	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R860	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R2606	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R861	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R6001	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R862	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J		R6002	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R863	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J		R6003	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R864	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J		R6004	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R865	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J		R6005	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
R866	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R6006	QRL039J-330	OMF RESISTOR	33Ω 3W J	
R867	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R6007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R869	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J		R6008	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R873	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J		R6201	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R874	NRSA63J-391X	MG RESISTOR	390Ω 1/16W J		R6202	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R876	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R6203	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R877	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J		R6204	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R879	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J		R6205	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R883	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J		R6301	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R884	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J		R6302	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R885	NRSA63J-123X	MG RESISTOR	12kΩ 1/16W J		R6303	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R886	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J		R6304	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	

△Ref No.	Part No.	Part Name	Description	Local	△Ref No.	Part No.	Part Name	Description	Local
R6305	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R6670	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R6306	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R6671	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6307	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R6673	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
R6308	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R6674	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6309	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R6675	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R6310	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R6676	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6409	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R6677	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R6423	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J		R6680	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R6424	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		R6684	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R6425	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		R6685	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J	
R6431	NRSA63J-563X	MG RESISTOR	56kΩ 1/16W J		R6686	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J	
R6432	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J		R6691	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
R6515	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J		RB802	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R6516	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J						
R6517	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		L807	NQR0499-001X	FERRITE BEADS		
R6518	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J		L808	NQR0499-001X	FERRITE BEADS		
R6519	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J		L809	NQR0499-001X	FERRITE BEADS		
R6520	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		L851	NQL092K-6R8X	P COIL	6.8uH K	
R6521	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		L852	NQL092K-6R8X	P COIL	6.8uH K	
R6522	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		L853	NQL092K-6R8X	P COIL	6.8uH K	
R6523	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J		L854	NQL092M-270X	P COIL	27uH M	
R6524	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		L855	NQL904J-560X	COIL	56uH J	
R6525	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		L861	NQL914K-220X	COIL	22uH K	
R6526	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J		L862	NQL914K-101X	COIL	100uH K	
R6527	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		L863	NQL914K-101X	COIL	100uH K	
R6528	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		L864	NQL914K-101X	COIL	100uH K	
R6529	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J		L865	NQL914K-220X	COIL	22uH K	
R6530	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		L866	NQL914K-220X	COIL	22uH K	
R6531	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		L867	NQL914K-220X	COIL	22uH K	
R6532	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J		L902	NQL52EM-220X	COIL	22uH M	
R6533	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		L903	NQL52EM-220X	COIL	22uH M	
R6534	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		L904	NQL52EM-220X	COIL	22uH M	
R6535	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		L6661	QQL28AK-560	COIL	56uH K	
R6536	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		L6662	QQL28AK-560	COIL	56uH K	
R6537	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J						
R6538	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		CN000H	QGF1201C2-21	CONNECTOR	FFC/FPC (1-21)	
R6539	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		CN0011	QGF0508F1-50X	CONNECTOR	FFC/FPC (1-50)	
R6540	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		CN0012	QGF0508F1-50X	CONNECTOR	FFC/FPC (1-50)	
R6541	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		J2001	QN20463-001	21P CONNECTOR	EXT-1	
R6542	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		J2002	QN20463-001	21P CONNECTOR	EXT-2	
R6543	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		J2003	QN20726-001	AV JACK	EXT-3	
R6551	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J		J2004	QNN0650-001	PIN JACK	EXT-4	
R6552	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J		J2005	QNN0649-001	PIN JACK	AUDIO IN/OUT	
R6553	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J		J2007	QN20561-001	D CONNECTOR	RGB IN	
R6554	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J		K6601	NQR0499-002X	FERRITE BEADS		
R6555	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J		K6602	NQR0499-002X	FERRITE BEADS		
R6556	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J		K6661	NQR0499-002X	FERRITE BEADS		
R6557	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J		K6662	NQR0499-002X	FERRITE BEADS		
R6558	NRSA63J-184X	MG RESISTOR	180kΩ 1/16W J		K6663	NQR0499-002X	FERRITE BEADS		
R6559	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J		K6664	NQR0499-002X	FERRITE BEADS		
R6560	NRSA63J-184X	MG RESISTOR	180kΩ 1/16W J		△TH6661	NAD0035-471X	P THERMISTOR	470Ω	
R6563	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J		X201	NAX0787-001X	CRYSTAL		
R6564	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		X801	NAX0621-001X	CRYSTAL	16.200MHz	
R6567	NRSA63J-124X	MG RESISTOR	120kΩ 1/16W J						
R6568	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J						
R6569	NRSA63J-823X	MG RESISTOR	82kΩ 1/16W J						
R6577	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J						
R6578	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J						
R6579	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J						
R6580	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J						
R6601	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J						
R6602	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J						
R6603	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J						
R6605	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J						
R6606	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J						
R6607	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J						
R6617	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J						
R6621	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J						
R6622	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J						
R6623	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J						
R6624	QRJ146J-102X	UNF C RESISTOR	1kΩ 1/4W J						
R6625	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J						
R6626	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J						
R6627	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J						
R6629	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J						
R6630	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J						
R6631	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J						
R6632	NRSA63J-392X	MG RESISTOR	3.9kΩ 1/16W J						
R6633	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J						
R6634	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J						
R6661	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J						
R6662	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J						
R6663	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J						
R6664	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J						
R6665	NRSA63J-393X	MG RESISTOR	39kΩ 1/16W J						
R6666	QRK126J-5R6X	UNF C RESISTOR	5.6Ω 1/2W J						
R6667	QRK126J-220X	UNF C RESISTOR	22Ω 1/2W J						
R6668	QRK126J-5R6X	UNF C RESISTOR	5.6Ω 1/2W J						
R6669	QRK126J-220X	UNF C RESISTOR	22Ω 1/2W J						
					CN0001	QGF0508F1-50X	CONNECTOR	FFC/FPC (1-50)	

△Ref No.	Part No.	Part Name	Description	Local
CN0002	QGF0508F1-30X	CONNECTOR	FFC/FPC (1-30)	
CN0007	QGF0540C1-40X	CONNECTOR	FFC/FPC (1-40)	
CN1011	QGF0508F1-50X	CONNECTOR	FFC/FPC (1-50)	
CN1012	QGF0508F1-50X	CONNECTOR	FFC/FPC (1-50)	

FRONT CONTROL P.W. BOARD ASS'Y (SFL-7111A-U2)

△Ref No.	Part No.	Part Name	Description	Local
D7011	UDZS6.2B-X	Z DIODE		
C7011	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C7012	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
R7011	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7012	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R7013	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7014	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7015	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R7016	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7018	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7701	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7702	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R7703	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7704	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
L7001	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L7002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
J7001	QNS0097-001	HEADPHONE JACK		
K7001	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
S7701	QSW1131-001Z	TACT SWITCH	CH-	
S7702	QSW1131-001Z	TACT SWITCH	CH+	
S7703	QSW1131-001Z	TACT SWITCH	MENU	
S7704	QSW1131-001Z	TACT SWITCH	TV/AV	
S7705	QSW1131-001Z	TACT SWITCH	VOL+	
S7706	QSW1131-001Z	TACT SWITCH	VOL-	
S7707	QSW1131-001Z	TACT SWITCH	POWER	

△Ref No.	Part No.	Part Name	Description	Local
Q9211	2SK3522-01-F1	POWER MOS FET		
Q9212	2SD601A/QR/-X	TRANSISTOR		
Q9213	IMD3A-W	DIGI TRANSISTOR		
Q9215	2SD601A/QR/-X	TRANSISTOR		
Q9216	UN2212-X	DIGI TRANSISTOR		
Q9251	UN2213-X	DIGI TRANSISTOR		
Q9252	UN2212-X	DIGI TRANSISTOR		
Q9501	2SD601A/QR/-X	TRANSISTOR		
Q9502	2SK2865-X	POWER MOS FET		
Q9503	2SD601A/QR/-X	TRANSISTOR		
Q9504	2SK2018-01S-W	POWER MOS FET		
Q9506	UN2213-X	DIGI TRANSISTOR		
Q9541	UN2212-X	DIGI TRANSISTOR		
Q9602	2SB1188/QR/-W	TRANSISTOR		
Q9603	UN2212-X	DIGI TRANSISTOR		
Q9606	2SC3928A/QR/-X	TRANSISTOR		
Q9901	2SD601A/QR/-X	TRANSISTOR		

D9021	MA111-X	SI DIODE		
D9111	S1WB/A/60-4101	BRIDGE DIODE		
△D9201	25XB60	BRIDGE DIODE		
D9202	MA111-X	SI DIODE		
D9205	MA3082/M/-X	Z DIODE		
D9211	YG972S6R	SI DIODE		
D9213	MA111-X	SI DIODE		
D9214	MA111-X	SI DIODE		
D9215	D1FL20U-X	SI DIODE		
D9251	MA3100/M/-X	Z DIODE		
D9252	MA111-X	SI DIODE		
D9253	MA111-X	SI DIODE		
D9254	D1FL20U-X	SI DIODE		
D9301	FME-220A	SB DIODE		
D9302	FME-220A	SB DIODE		
D9501	MA8220/M/-X	Z DIODE		
D9502	MA8110/H/-X	Z DIODE		
D9503	D1FL20U-X	SI DIODE		
D9504	D1FL20U-X	SI DIODE		
D9505	MA8220/M/-X	Z DIODE		
D9507	D1FL20U-X	SI DIODE		
D9508	UDZS5.6B-X	Z DIODE		
D9509	SD883-04-X	SB DIODE		
D9512	D1FS4-X	SB DIODE		
D9514	PTZ27B-X	Z DIODE		
D9515	PTZ27B-X	Z DIODE		
D9542	FCH20A10	SB DIODE		
D9543	FCH20A10	SB DIODE		
D9546	FCH20A10	SB DIODE		
D9609	MA111-X	SI DIODE		
D9901	EC30HA04-X	SB DIODE		
D9902	MA111-X	SI DIODE		
D9903	EC30HA04-X	SB DIODE		
D9905	D1FL20U-X	SI DIODE		
D9906	PTZ11B-X	Z DIODE		
D9907	MTZJ16B-T2	Z DIODE		
D9908	MTZJ16B-T2	Z DIODE		
D9909	D1FL20U-X	SI DIODE		

1.5kΩ 1/10W J

FRONT LED P.W. BOARD ASS'Y (SFL-8133A-U2)

△Ref No.	Part No.	Part Name	Description	Local
IC8752	GP1UM261RK	IR DETECT UNIT		
Q8703	UN2212-X	DIGI TRANSISTOR		
Q8704	UN2110-X	DIGI TRANSISTOR		
Q8710	UN2212-X	DIGI TRANSISTOR		
Q8711	UN2212-X	DIGI TRANSISTOR		
D8702	SEL5E20C-T	LED	POWER	
D8705	SEL5E20C-T	LED	ILLUMINATION	
D8706	MA8068-X	Z DIODE		
D8707	MA8068-X	Z DIODE		
D8708	MA8068-X	Z DIODE		
D8709	MA8068-X	Z DIODE		
C8752	NEHL1CM-476X	E CAPACITOR	47uF 16V M	
R8713	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R8714	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R8721	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R8722	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
R8724	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8726	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R8755	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	

△C9001	QFZ9072-105	MM CAPACITOR	1uF AC250V K
△C9002	QFZ9072-105	MM CAPACITOR	1uF AC250V K
△C9011	QCZ9071-102	C CAPACITOR	1000pF AC400V M
△C9013	QCZ9071-102	C CAPACITOR	1000pF AC400V M
△C9101	QCZ9078-472	C CAPACITOR	4700pF AC250V M
△C9102	QCZ9078-472	C CAPACITOR	4700pF AC250V M
△C9103	QCZ9078-472	C CAPACITOR	4700pF AC250V M
C9111	QEZ0709-106	E CAPACITOR	10uF 450V M
C9141	QECR1CM-477Z	E CAPACITOR	470uF 16V M
C9142	QEHR1AM-337Z	E CAPACITOR	330uF 10V M
C9143	QEHR1CM-107Z	E CAPACITOR	100uF 16V M
△C9197	QCZ9071-102	C CAPACITOR	1000pF AC400V M
△C9198	QCZ9071-102	C CAPACITOR	1000pF AC400V M
△C9201	QCZ9078-222	C CAPACITOR	2200pF AC250V M
△C9203	QCZ9078-222	C CAPACITOR	2200pF AC250V M
△C9204	QCZ9078-222	C CAPACITOR	2200pF AC250V M
△C9205	QCZ9078-222	C CAPACITOR	2200pF AC250V M
C9211	QFZ0222-105	MM CAPACITOR	1uF 450V K
C9212	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C9213	NCB21CK-105X	C CAPACITOR	1uF 16V K
C9214	NDC31HJ-102X	C CAPACITOR	1000pF 50V J
C9215	QEHR1VM-476Z	E CAPACITOR	47uF 35V M
C9216	QEZ0650-227	E CAPACITOR	220uF 450V M
C9218	NCB31HK-103X	C CAPACITOR	0.01uF 50V K
C9219	QCZ0340-331	C CAPACITOR	330pF 2kV K
C9221	NCB31HK-222X	C CAPACITOR	2200pF 50V K
C9251	QEHR1HM-107Z	E CAPACITOR	100uF 50V M
C9252	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C9301	QECR1EM-687Z	E CAPACITOR	680uF 25V M
C9302	QECR1EM-687Z	E CAPACITOR	680uF 25V M
C9501	NCB31HK-104X	C CAPACITOR	0.1uF 50V K
C9502	NCB31HK-104X	C CAPACITOR	0.1uF 50V K

△Ref No.	Part No.	Part Name	Description	Local	△Ref No.	Part No.	Part Name	Description	Local
C9503	NCB31HK-104X	C CAPACITOR	0.1uF 50V K		R9516	QRT029J-2R2	MF RESISTOR	2.2Ω 2W J	
C9504	NCB31HK-223X	C CAPACITOR	0.022uF 50V K		R9517	NRS12BJ-332W	MG RESISTOR	3.3kΩ 1/2W J	
C9505	NCB31HK-223X	C CAPACITOR	0.022uF 50V K		R9518	QRK126J-271X	UNF C RESISTOR	270Ω 1/2W J	
C9506	NCB31HK-331X	C CAPACITOR	330pF 50V K		R9519	NRSA02J-180X	MG RESISTOR	18Ω 1/10W J	
C9507	NCB31HK-472X	C CAPACITOR	4700pF 50V K		R9520	QRE121J-105Y	C RESISTOR	1MΩ 1/2W J	
C9508	NCB11AK-335X	C CAPACITOR	3.3uF 10V K		R9521	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J	
C9509	QEHR1HM-107Z	E CAPACITOR	100uF 50V M		R9525	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
C9510	QEHR2AM-107Z	E CAPACITOR	100uF 100V M		R9526	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	
C9511	QFZ0209-393	MPP CAPACITOR	0.039uF		R9527	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
C9512	QEHR1HM-107Z	E CAPACITOR	100uF 50V M		R9529	QRL039J-681	OMF RESISTOR	680Ω 3W J	
C9520	NCB31HK-331X	C CAPACITOR	330pF 50V K		R9536	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
C9541	QECQ1VM-128	E CAPACITOR	1200uF 35V M		R9541	NRSA63J-684X	MG RESISTOR	680kΩ 1/16W J	
C9544	QECQ1VM-128	E CAPACITOR	1200uF 35V M		R9542	NRSA02J-103X	MG RESISTOR	10kΩ 1/10W J	
C9545	QECQ1VM-128	E CAPACITOR	1200uF 35V M		R9543	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C9550	QECQ1VM-128	E CAPACITOR	1200uF 35V M		R9544	NRSA63D-273X	MG RESISTOR	27kΩ 1/16W D	
C9551	NCB11HK-104X	C CAPACITOR	0.1uF 50V K		R9545	NRSA63D-682X	MG RESISTOR	6.8kΩ 1/16W D	
C9552	NCB31HK-223X	C CAPACITOR	0.022uF 50V K		R9546	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
C9553	QEHR1EM-477Z	E CAPACITOR	470uF 25V M		R9548	NRSA63D-392X	MG RESISTOR	3.9kΩ 1/16W D	
C9606	NCB11CK-475X	C CAPACITOR	4.7uF 16V K		R9549	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C9609	NCB31EK-104X	C CAPACITOR	0.1uF 25V K		R9552	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
C9610	NDC31HJ-680X	C CAPACITOR	68pF 50V J		R9562	NRS12BJ-223W	MG RESISTOR	22kΩ 1/2W J	
C9611	NDC31HJ-680X	C CAPACITOR	68pF 50V J		R9563	NRS12BJ-6R8W	MG RESISTOR	6.8Ω 1/2W J	
C9902	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		R9615	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C9903	QECR1CM-477Z	E CAPACITOR	470uF 16V M		R9616	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C9904	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K		R9629	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
C9907	NCB31EK-273X	C CAPACITOR	0.027uF 25V K		R9631	NRSA02J-332X	MG RESISTOR	3.3kΩ 1/10W J	
C9908	QEHR2AM-106Z	E CAPACITOR	10uF 100V M		R9632	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C9909	QEHR1HM-106Z	E CAPACITOR	10uF 50V M		R9635	NRS12BJ-221W	MG RESISTOR	220Ω 1/2W J	
C9912	QEHR1CM-477Z	E CAPACITOR	470uF 16V M		R9637	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
C9913	NCJ41HK-335X-U	C CAPACITOR			R9641	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C9914	QTNC1HM-106Z	E CAPACITOR	10uF 50V M		R9643	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C9917	NCB31HK-222X	C CAPACITOR	2200pF 50V K		R9648	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
△R9001	QRZ9046-105Z	C RESISTOR	1MΩ 1/2W K		R9657	NRS12BJ-6R8W	MG RESISTOR	6.8Ω 1/2W J	
R9021	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		R9658	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R9022	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J		R9659	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R9101	QRZ0216-4R7	UNF WW RESISTOR	4.7Ω 7W K		R9660	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R9141	QRX01GJ-1R0	MF RESISTOR	1Ω 1W J		R9661	NRS12BJ-6R8W	MG RESISTOR	6.8Ω 1/2W J	
R9142	QRX01GJ-R82	MF RESISTOR	0.82Ω 1W J		R9901	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
△R9199	QRZ9046-685Z	C RESISTOR	6.8MΩ 1/2W K		R9902	NRSA63D-104X	MG RESISTOR	100kΩ 1/16W D	
△R9201	QRZ9055-8R2	FUSI RESISTOR	8.2Ω 2W K		R9903	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R9203	NRS12BJ-681W	MG RESISTOR	680Ω 1/2W J		R9904	NRSA63D-184X	MG RESISTOR	180kΩ 1/16W D	
R9211	NRS12BJ-474W	MG RESISTOR	470kΩ 1/2W J		R9905	QRK126J-222X	UNF C RESISTOR	2.2kΩ 1/2W J	
R9212	NRS12BJ-474W	MG RESISTOR	470kΩ 1/2W J		R9906	NRSA63J-822X	MG RESISTOR	8.2kΩ 1/16W J	
R9213	NRS12BJ-334W	MG RESISTOR	330kΩ 1/2W J		R9907	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R9214	NRSA63J-912X	MG RESISTOR	9.1kΩ 1/16W J		R9908	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R9215	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R9909	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R9216	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J		R9913	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R9217	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J		R9923	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R9218	NRSA63D-183X	MG RESISTOR	18kΩ 1/16W D		L9141	NQL52EN-4R7X	COIL	4.7uH N	
R9219	NRS12BJ-223W	MG RESISTOR	22kΩ 1/2W J		L9201	QQR1662-001	CHOKE COIL		
R9220	QRM059J-R22	MP RESISTOR	0.22Ω 5W J		L9202	QQR1513-001	CHOKE COIL		
R9221	QRM059J-R22	MP RESISTOR	0.22Ω 5W J		L9541	NQL71EM-150X	COIL	15uH M	
R9222	NRS181J-824X	MG RESISTOR	820kΩ 1/8W J		L9542	NQL52EM-470X	COIL	47uH M	
R9223	NRS181J-824X	MG RESISTOR	820kΩ 1/8W J		L9902	NQR0562-001X	CHOKE COIL		
R9224	NRS181J-824X	MG RESISTOR	820kΩ 1/8W J		L9903	NQR0562-001X	CHOKE COIL		
R9225	NRS12BJ-334W	MG RESISTOR	330kΩ 1/2W J		L9904	NQL63EM-470X	COIL	47uH M	
R9226	NRS12BJ-334W	MG RESISTOR	330kΩ 1/2W J		△T9121	QAL0425-001	POWER MODULE		
R9227	NRS12BJ-394W	MG RESISTOR	390kΩ 1/2W J		△T9501	QQS0347-002	SW TRANSF		
R9228	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		△T9502	QQS0347-002	SW TRANSF		
R9229	NRSA63D-274X	MG RESISTOR	270kΩ 1/16W D						
R9233	NRS181J-0R0X	MG RESISTOR	0Ω 1/8W J		CN0006	QGB2501J-07	CONNECTOR	B-B (1-7)	
R9236	NRS12BJ-474W	MG RESISTOR	470kΩ 1/2W J		△CN0007	QGB2501J-10	CONNECTOR	B-B (1-10)	
R9237	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		CN000H	QGF1201C2-21	CONNECTOR	FFC/FPC (1-21)	
R9238	NRS12BJ-220W	MG RESISTOR	22Ω 1/2W J		△CP9121	QMFZ052-2R0-E	FUSE	2A AC250V	
R9239	NRS12BJ-1R0W	MG RESISTOR	1Ω 1/2W J		△CP9211	QMFZ043-2R0Z-J1	FUSE	2A AC250V	
R9251	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		△CP9301	QMFZ034-5R0Z-J1	FUSE	5A 125V	
R9253	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J		△CP9302	QMFZ034-5R0Z-J1	FUSE	5A 125V	
R9254	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J		△F9001	QMF5AD2-6R3-J1	FUSE	6.3A AC250V	
R9255	NRSA63J-224X	MG RESISTOR	220kΩ 1/16W J		K9001	QRN143J-0R0X	C RESISTOR	0Ω 1/4W J	
R9256	NRSA63J-153X	MG RESISTOR	15kΩ 1/16W J		K9111	NQR0499-001X	FERRITE BEADS		
R9257	NRS12BJ-102W	MG RESISTOR	1kΩ 1/2W J		K9211	QQR0621-002Z	FERRITE BEADS		
R9301	QRT039J-1R2	MF RESISTOR	1.2Ω 3W J		K9212	QQR0621-002Z	FERRITE BEADS		
R9302	QRT039J-1R2	MF RESISTOR	1.2Ω 3W J		K9501	NQR0499-002X	FERRITE BEADS		
R9501	QRL039J-103	OMF RESISTOR	10kΩ 3W J		K9502	NQR0499-002X	FERRITE BEADS		
R9502	QRL039J-103	OMF RESISTOR	10kΩ 3W J		K9503	NQR0499-002X	FERRITE BEADS		
R9503	NRS181J-824X	MG RESISTOR	820kΩ 1/8W J		K9504	NQR0499-002X	FERRITE BEADS		
R9504	NRS181J-824X	MG RESISTOR	820kΩ 1/8W J		K9505	NQR0499-002X	FERRITE BEADS		
R9505	NRS181J-824X	MG RESISTOR	820kΩ 1/8W J		K9508	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9506	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J		K9509	NQR0499-002X	FERRITE BEADS		
R9507	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J		K9541	NQR0499-001X	FERRITE BEADS		
R9508	QRT029J-R56	MF RESISTOR	0.56Ω 2W J		△LF9001	QQR1514-001	LINE FILTER		
R9509	QRM059J-R27	MP RESISTOR	0.27Ω 5W J		△LF9002	QQR1467-001	LINE FILTER		
R9510	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		△LF9003	QQR1514-001	LINE FILTER		
R9511	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		△PC9541	PS2581AL2/QW/-W	PHOTO COUPLER		
R9512	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J		△PC9542	PS2581AL2/QW/-W	PHOTO COUPLER		
R9513	NRSA63J-223X	MG RESISTOR	22kΩ 1/16W J		△RY9021	QSK0162-001	RELAY		
R9514	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J		△RY9201	QSK0163-001	RELAY		
R9515	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J		△VA9001	QAF0060-621	VARISTOR	620V	

REGULATOR P.W. BOARD ASS'Y (SFL-9128A-U2)

△Ref No.	Part No.	Part Name	Description	Local
IC9801	MP1593DN-X	IC		
IC9821	MP1593DN-X	IC		
IC9841	MP1593DN-X	IC		
IC9861	MP1593DN-X	IC		
IC9881	LM393DR-X	IC		
Q9801	2SC3928A/QR-X	TRANSISTOR		
Q9821	2SC3928A/QR-X	TRANSISTOR		
D9802	EC30HA04-X	SB DIODE		
D9803	MA111-X	SI DIODE		
D9805	PTZ6.8B-X	Z DIODE		
D9822	EC30HA04-X	SB DIODE		
D9823	PTZ6.8B-X	Z DIODE		
D9824	MA111-X	SI DIODE		
D9825	EC30HA04-X	SB DIODE		
D9842	EC30HA04-X	SB DIODE		
D9843	PTZ3.9B-X	Z DIODE		
D9861	MA111-X	SI DIODE		
D9862	EC30HA04-X	SB DIODE		
D9863	PTZ3.9B-X	Z DIODE		
D9864	EC30HA04-X	SB DIODE		
D9881	UDZS9.1B-X	Z DIODE		
D9882	MA111-X	SI DIODE		
C9803	NCJ41HK-335X-U	C CAPACITOR		
C9804	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C9805	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C9806	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9807	NCB31HK-332X	C CAPACITOR	3300pF 50V K	
C9810	NEHM1HM-105X	E CAPACITOR	1uF 50V M	
C9821	NCJ41HK-335X-U	C CAPACITOR		
C9822	NCB31HK-104X	C CAPACITOR	0.1uF 50V K	
C9823	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C9825	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C9826	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9827	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C9830	NBZ008-107X	SP E CAPACITOR	100uF 6.3V M	
C9831	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9843	NCJ41HK-335X-U	C CAPACITOR		
C9844	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C9845	NDC31HJ-121X	C CAPACITOR	120pF 50V J	
C9846	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9847	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C9848	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9861	NCJ41HK-335X-U	C CAPACITOR		
C9862	NCB31HK-822X	C CAPACITOR	8200pF 50V K	
C9864	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C9865	NDC31HJ-121X	C CAPACITOR	120pF 50V J	
C9866	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9867	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C9868	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C9881	NEHM1HM-105X	E CAPACITOR	1uF 50V M	
C9882	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
C9883	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
C9884	NCB31EK-104X	C CAPACITOR	0.1uF 25V K	
R9803	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9804	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R9805	NRVA02D-473X	CMF RESISTOR	47kΩ 1/10W D	
R9806	NRSA63D-124X	MG RESISTOR	120kΩ 1/16W D	
R9807	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R9808	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R9809	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R9810	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R9812	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9821	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9822	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R9823	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J	
R9824	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R9825	NRSA63D-473X	MG RESISTOR	47kΩ 1/16W D	
R9826	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R9827	NRSA63D-124X	MG RESISTOR	120kΩ 1/16W D	
R9828	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R9829	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R9830	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J	
R9831	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9841	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R9843	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9844	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J	
R9845	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R9846	NRSA63D-223X	MG RESISTOR	22kΩ 1/16W D	
R9847	NRSA63J-154X	MG RESISTOR	150kΩ 1/16W J	
R9848	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R9849	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9861	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9862	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	

△Ref No. Part No. Part Name Description Local

R9863	NRSA63J-824X	MG RESISTOR	820kΩ 1/16W J	
R9864	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J	
R9865	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R9866	NRSA63D-153X	MG RESISTOR	15kΩ 1/16W D	
R9867	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R9868	NRSA63D-154X	MG RESISTOR	150kΩ 1/16W D	
R9869	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9881	NRS12BJ-332W	MG RESISTOR	3.3kΩ 1/2W J	
R9882	NRSA63D-472X	MG RESISTOR	4.7kΩ 1/16W D	
R9883	NRSA63D-472X	MG RESISTOR	4.7kΩ 1/16W D	
R9884	NRSA63J-682X	MG RESISTOR	6.8kΩ 1/16W J	
R9885	NRSA63D-273X	MG RESISTOR	27kΩ 1/16W D	
R9886	NRSA63D-472X	MG RESISTOR	4.7kΩ 1/16W D	
L9802	NQL98EM-150X	COIL	15uH M	
L9822	NQL71EM-150X	COIL	15uH M	
L9823	NQR0562-003X	CHOKE COIL		
L9842	NQL98EM-150X	COIL	15uH M	
L9862	NQL98EM-150X	COIL	15uH M	
CN9806	QGB2501K2-07	CONNECTOR	B-B (1-7)	
CN9807	QGB2501K2-10	CONNECTOR	B-B (1-10)	

DIGITAL SIGNAL P.W. BOARD ASS'Y (SFL0D236A-U2)

△Ref No.	Part No.	Part Name	Description	Local
IC0401	SN74AHCT1G32V-X	IC		
IC1001	TC90A92AFG	IC		
IC1002	MM1572FN-X	IC		
IC1003	R1141Q151D-X	IC		
IC1005	ML87V2105TBZ03A	IC		
IC1502	NJM2235V-X	IC		
IC3001	JCC5055A	IC		
IC3004	TC7MB3257FK-X	IC		
IC3005	SN74LVC1G08V-X	IC		
IC3006	SN74LVC2G126T-X	IC		
IC3007	SN74LVC3G17U-X	IC		
IC3008	R1170H331B-X	IC		
IC3403	S-80928CLNB-G-W	IC		
IC3501	EDD1232AAFA-7A	IC		
IC3502	EDD1232AAFA-7A	IC		
IC3503	LP2996MR-X	IC		
IC4001	JCC5057	IC		
IC4003	AT29LE-26S60BU	IC(MICRO C ROM)	(SERVICE)	
IC4004	ATF256-26S60BU	IC	(SERVICE)	
IC6502	THC63LVDM83R-W	IC		
IC7001	MN102H60KLH	IC(MCU)		
IC7002	ATF512-26S60BU	IC(MICRO C ROM)	(SERVICE)	
IC7003	SN74LVC2G241T-X	IC		
IC7401	S-80928CLNB-G-W	IC		
IC7501	SDA6000-B12	IC		
IC7502	S-80828CNNB-G-W	IC		
IC7503	K4S641632H-UC75	IC		
IC7504	MBV160-26S60BU	IC		
IC7505	PQ2L3252MS-X	IC		
Q0101	2SC3837KNP/-X	TRANSISTOR		
Q0102	2SA1022/BC/-X	TRANSISTOR		
Q0104	2SA1022/BC/-X	TRANSISTOR		
Q0105	2SC3928A/QR/-X	TRANSISTOR		
Q0107	2SA1530A/QR/-X	TRANSISTOR		
Q0108	2SC3928A/QR/-X	TRANSISTOR		
Q0109	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0110	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0201	2SC3837KNP/-X	TRANSISTOR		
Q0202	2SA1022/BC/-X	TRANSISTOR		
Q0203	2SC3928A/QR/-X	TRANSISTOR		
Q0204	2SA1022/BC/-X	TRANSISTOR		
Q0205	2SC3928A/QR/-X	TRANSISTOR		
Q0206	2SC3928A/QR/-X	TRANSISTOR		
Q0207	2SA1530A/QR/-X	TRANSISTOR		
Q0208	2SC3928A/QR/-X	TRANSISTOR		
Q0209	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0210	HN1C01F/Y/-X	PAIR TRANSISTOR		
Q0301	2SC3837KNP/-X	TRANSISTOR		
Q0302	2SA1022/BC/-X	TRANSISTOR		
Q0303	2SC3928A/QR/-X	TRANSISTOR		
Q0304	2SA1022/BC/-X	TRANSISTOR		
Q0305	2SC3928A/QR/-X	TRANSISTOR		
Q0306	2SC3928A/QR/-X	TRANSISTOR		
Q0307	2SA1530A/QR/-X	TRANSISTOR		

△Ref No.	Part No.	Part Name	Description	Local	△Ref No.	Part No.	Part Name	Description	Local
Q0308	2SC3928A/QR-X	TRANSISTOR			C0315	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
Q0309	HN1C01FY-X	PAIR TRANSISTOR			C0317	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
Q0310	HN1C01FY-X	PAIR TRANSISTOR			C0318	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
Q0311	2SC3928A/QR-X	TRANSISTOR			C0401	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
Q1001	UN2213-X	DIGI TRANSISTOR			C0519	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
Q1003	2SC3928A/QR-X	TRANSISTOR			C1001	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
Q1004	2SC3928A/QR-X	TRANSISTOR			C1004	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
Q1005	2SK1228-X	MOS FET			C1005	NCB31HK-152X	C CAPACITOR	1500pF 50V K	
Q1006	2SK1228-X	MOS FET			C1006	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
Q1101	2SC3928A/QR-X	TRANSISTOR			C1009	NDC31HJ-220X	C CAPACITOR	22pF 50V J	
Q1103	2SA1530A/QR-X	TRANSISTOR			C1010	NDC31HJ-180X	C CAPACITOR	18pF 50V J	
Q1201	2SC3928A/QR-X	TRANSISTOR			C1011	NDC31HJ-102X	C CAPACITOR	1000pF 50V J	
Q1203	2SA1530A/QR-X	TRANSISTOR			C1012	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
Q1301	2SC3928A/QR-X	TRANSISTOR			C1013	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
Q1303	2SA1530A/QR-X	TRANSISTOR			C1014	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
Q1401	2SC3928A/QR-X	TRANSISTOR			C1015	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
Q1403	2SA1530A/QR-X	TRANSISTOR			C1016	NCB11AK-106X	C CAPACITOR	10uF 10V K	
Q3001	2SC3928A/QR-X	TRANSISTOR			C1017	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
Q3002	2SA1530A/QR-X	TRANSISTOR			C1018	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
Q3003	2SC3928A/QR-X	TRANSISTOR			C1019	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
Q3004	2SA1530A/QR-X	TRANSISTOR			C1021	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
Q6501	2SC3928A/QR-X	TRANSISTOR			C1023	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
Q6502	2SC3928A/QR-X	TRANSISTOR			C1025	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
Q7201	2SA1530A/QR-X	TRANSISTOR			C1026	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
Q7202	2SC3928A/QR-X	TRANSISTOR			C1028	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
Q7203	2SC3928A/QR-X	TRANSISTOR			C1029	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
Q7204	2SC3928A/QR-X	TRANSISTOR			C1030	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
Q7205	2SC3928A/QR-X	TRANSISTOR			C1031	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
Q7206	UN2213-X	DIGI TRANSISTOR			C1032	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
Q7207	UN2113-X	TRANSISTOR			C1033	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
Q7208	UN2113-X	TRANSISTOR			C1034	NDC31HJ-390X	C CAPACITOR	39pF 50V J	
Q7209	UN2113-X	TRANSISTOR			C1035	NDC31HJ-680X	C CAPACITOR	68pF 50V J	
Q7501	2SA1162/YG/-X	TRANSISTOR			C1037	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
Q7508	DTC114EKA-X	DIGI TRANSISTOR			C1038	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
D1001	EC30HA03L-X	SB DIODE			C1039	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
D1002	EC30HA03L-X	SB DIODE			C1040	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
D2103	1SS355-X	SI DIODE			C1041	NCB10JK-106X	C CAPACITOR	10uF 6.3V K	
D7001	1SS355-X	SI DIODE			C1042	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
D7003	RB501V40-X	SB DIODE			C1043	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
D7005	UDZS8.2B-X	Z DIODE			C1045	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
D7006	UDZS8.2B-X	Z DIODE			C1046	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
D7007	UDZS8.2B-X	Z DIODE			C1047	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
D7008	UDZS8.2B-X	Z DIODE			C1048	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
D7009	UDZS8.2B-X	Z DIODE			C1049	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
D7201	1SS355-X	SI DIODE			C1050	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
D7203	1SS355-X	SI DIODE			C1051	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
D7501	1SS355-X	SI DIODE			C1061	NDC31HJ-4R0X	C CAPACITOR	4pF 50V J	
D7502	1SS355-X	SI DIODE			C1062	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M	
D9201	EC30HA04-X	SB DIODE			C1063	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
D9203	PTZ3.9B-X	Z DIODE			C1064	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
D9204	1SS355-X	SI DIODE			C1065	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C0104	NDC31HJ-390X	C CAPACITOR	39pF 50V J		C1066	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M	
C0105	NDC31HJ-330X	C CAPACITOR	33pF 50V J		C1067	NCB30JK-105X	C CAPACITOR	1uF 6.3V K	
C0107	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1068	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M	
C0109	NCB11AK-106X	C CAPACITOR	10uF 10V K		C1069	NCB21AK-225X	C CAPACITOR	2.2uF 10V K	
C0110	NCB11AK-106X	C CAPACITOR	10uF 10V K		C1071	NBE20GM-106X	TA E CAPACITOR	10uF 4V M	
C0111	NDC31HJ-820X	C CAPACITOR	82pF 50V J		C1072	NBE20GM-106X	TA E CAPACITOR	10uF 4V M	
C0112	NDC31HJ-820X	C CAPACITOR	82pF 50V J		C1073	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M	
C0113	NCB11AK-106X	C CAPACITOR	10uF 10V K		C1074	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M	
C0114	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1075	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M	
C0115	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1076	NBE20GM-106X	TA E CAPACITOR	10uF 4V M	
C0116	NCB11AK-106X	C CAPACITOR	10uF 10V K		C1077	NEHM1CM-476X	E CAPACITOR	47uF 16V M	
C0117	NDC31HJ-560X	C CAPACITOR	56pF 50V J		C1081	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C0118	NDC31HJ-151X	C CAPACITOR	150pF 50V J		C1082	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C0204	NDC31HJ-390X	C CAPACITOR	39pF 50V J		C1083	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C0205	NDC31HJ-330X	C CAPACITOR	33pF 50V J		C1084	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C0206	NDC31HJ-390X	C CAPACITOR	39pF 50V J		C1085	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C0207	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1086	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C0209	NCB11AK-106X	C CAPACITOR	10uF 10V K		C1087	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C0210	NCB11AK-106X	C CAPACITOR	10uF 10V K		C1102	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C0211	NDC31HJ-820X	C CAPACITOR	82pF 50V J		C1103	NDC31HJ-680X	C CAPACITOR	68pF 50V J	
C0212	NDC31HJ-820X	C CAPACITOR	82pF 50V J		C1104	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C0213	NCB11AK-106X	C CAPACITOR	10uF 10V K		C1105	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C0214	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1106	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C0215	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1107	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C0217	NDC31HJ-560X	C CAPACITOR	56pF 50V J		C1109	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C0218	NDC31HJ-151X	C CAPACITOR	150pF 50V J		C1111	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
C0304	NDC31HJ-390X	C CAPACITOR	39pF 50V J		C1202	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C0305	NDC31HJ-330X	C CAPACITOR	33pF 50V J		C1203	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C0306	NDC31HJ-390X	C CAPACITOR	39pF 50V J		C1204	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C0307	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1205	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C0309	NCB11AK-106X	C CAPACITOR	10uF 10V K		C1206	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C0310	NCB11AK-106X	C CAPACITOR	10uF 10V K		C1209	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C0311	NDC31HJ-820X	C CAPACITOR	82pF 50V J		C1302	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C0312	NDC31HJ-820X	C CAPACITOR	82pF 50V J		C1303	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C0313	NCB11AK-106X	C CAPACITOR	10uF 10V K		C1304	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C0314	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1305	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
					C1306	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
					C1309	NDC31HJ-151X	C CAPACITOR	150pF 50V J	

△Ref No.	Part No.	Part Name	Description	Local	△Ref No.	Part No.	Part Name	Description	Local
C1311	NDC31HJ-470X	C CAPACITOR	47pF 50V J		C3549	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	
C1402	NDC31HJ-101X	C CAPACITOR	100pF 50V J		C3550	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1403	NDC31HJ-330X	C CAPACITOR	33pF 50V J		C3551	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	
C1404	NDC31HJ-151X	C CAPACITOR	150pF 50V J		C3552	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1405	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z		C4002	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1406	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C4003	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1409	NDC31HJ-151X	C CAPACITOR	150pF 50V J		C4005	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C1411	NDC31HJ-470X	C CAPACITOR	47pF 50V J		C4006	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C1502	NCJ41EK-106X-U	C CAPACITOR	10mf 25V K		C4008	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1508	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z		C4009	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C1509	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C4010	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C1511	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J		C4011	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C3004	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C4012	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3006	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C4013	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3008	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C4016	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3009	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C4020	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3010	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C4022	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3016	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C4023	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3018	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C4029	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C3019	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C4030	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C3021	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C4031	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C3022	NBZ0007-107X	SP E CAPACITOR	100uF 4V M		C4091	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3023	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C4092	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3025	NCB11AK-106X	C CAPACITOR	10uF 10V K		C4096	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3026	NCB11AK-106X	C CAPACITOR	10uF 10V K		C4097	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3028	NDC31HJ-221X	C CAPACITOR	220pF 50V J		C4098	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3030	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C4099	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3031	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C4910	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3032	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C4913	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3037	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C4914	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3040	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C4915	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3041	NDC31HJ-101X	C CAPACITOR	100pF 50V J		C4916	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3042	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C4917	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3043	NDC31HJ-101X	C CAPACITOR	100pF 50V J		C4919	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3044	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C4920	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3045	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C4921	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3047	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C4922	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3049	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C4923	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3051	NCB31HK-472X	C CAPACITOR	4700pF 50V K		C4925	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3052	NCB31AK-334X	C CAPACITOR	0.33uF 10V K		C4926	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3056	NCB31AK-334X	C CAPACITOR	0.33uF 10V K		C4931	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3059	NCB31HK-223X	C CAPACITOR	0.022uF 50V K		C4932	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3060	NCB31HK-152X	C CAPACITOR	1500pF 50V K		C4933	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3063	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C4934	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3065	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C4935	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3066	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C4936	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3067	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C4937	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3068	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C4938	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3069	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C4939	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3070	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C4940	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3071	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C4941	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3072	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C4942	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3074	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C6013	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3076	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C6014	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3097	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K		C6015	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3101	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K		C6512	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3105	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K		C6513	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3107	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C6514	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3109	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C6515	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3111	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C6516	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3112	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C6520	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3127	NDC31HJ-470X	C CAPACITOR	47pF 50V J		C6522	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3128	NDC31HJ-470X	C CAPACITOR	47pF 50V J		C6523	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C3129	NDC31HJ-470X	C CAPACITOR	47pF 50V J		C7001	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3406	NCB31HK-102X	C CAPACITOR	1000pF 50V K		C7002	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3501	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z		C7003	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C3503	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z		C7006	NDC31HJ-150X	C CAPACITOR	15pF 50V J	
C3506	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K		C7007	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3507	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z		C7012	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3508	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z		C7013	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C3509	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K		C7017	NDC31HJ-391X	C CAPACITOR	390pF 50V J	
C3511	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z		C7018	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3515	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C7025	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3516	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z		C7201	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C3517	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z		C7202	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3518	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C7203	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3519	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C7401	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3524	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C7402	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C3527	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z		C7403	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C3530	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C7501	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3531	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C7502	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3532	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K		C7503	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3533	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K		C7504	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3535	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z		C7505	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3539	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z		C7506	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3540	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z		C7507	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3542	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z		C7508	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3543	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C7509	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3548	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C7510	NEHM1CM-106X	E CAPACITOR	10uF 16V M	

△Ref No.	Part No.	Part Name	Description	Local	△Ref No.	Part No.	Part Name	Description	Local
C7511	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		R0233	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C7512	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		R0234	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
C7513	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		R0237	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
C7515	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		R0238	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
C7516	NDC31HJ-330X	C CAPACITOR	33pF 50V J		R0240	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
C7517	NDC31HJ-270X	C CAPACITOR	27pF 50V J		R0241	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
C7518	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R0242	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
C7520	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		R0243	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C7522	NEHM1CM-106X	E CAPACITOR	10uF 16V M		R0305	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C7523	NEHM1CM-476X	E CAPACITOR	47uF 16V M		R0306	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
C7524	NEHM1CM-476X	E CAPACITOR	47uF 16V M		R0307	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
C7525	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		R0308	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
C7526	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		R0309	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	
C7527	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		R0310	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C7528	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		R0311	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
C7529	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		R0314	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
C7530	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		R0316	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C7531	NEHM1CM-476X	E CAPACITOR	47uF 16V M		R0319	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
C7532	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		R0321	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C7533	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		R0322	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C7534	NCB11AK-106X	C CAPACITOR	10uF 10V K		R0325	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
C7535	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		R0326	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
C7536	NDC31HJ-470X	C CAPACITOR	47pF 50V J		R0327	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J	
C7541	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		R0328	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C7542	NEHL0GM-227X	E CAPACITOR	220uF 4V M		R0329	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C7543	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K		R0331	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
C7544	NEHL0JM-107X	E CAPACITOR	100uF 6.3V M		R0332	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
C7545	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K		R0333	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C7546	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z		R0334	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
C7547	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K		R0337	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
C7548	NEHL0GM-227X	E CAPACITOR	220uF 4V M		R0338	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
C7550	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		R0340	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
C7552	NCB31AK-105X	C CAPACITOR	1uF 10V K		R0341	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
C7557	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R0342	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
C7616	NCB11CK-105X	C CAPACITOR	1uF 16V K		R0343	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C9001	NEHM1CM-476X	E CAPACITOR	47uF 16V M		R0344	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
C9002	NEHM1CM-476X	E CAPACITOR	47uF 16V M		R0345	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
C9003	NEHM1CM-476X	E CAPACITOR	47uF 16V M		R0501	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C9202	NCJ41HK-335X-U	C CAPACITOR			R0502	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C9203	NCB31EK-393X	C CAPACITOR	0.039uF 25V K		R0504	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C9204	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		R0506	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C9205	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K		R0507	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C9207	NCB31HK-222X	C CAPACITOR	2200pF 50V K		R0508	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C9209	NELA1AM-157X	E CAPACITOR	150uF 10V M		R0516	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C9211	NCB31HK-153X	C CAPACITOR	0.015uF 50V K		R0517	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C9212	NCB31HK-222X	C CAPACITOR	2200pF 50V K		R0518	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0105	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R0519	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0106	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J		R0520	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0107	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J		R0522	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0109	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R0523	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0110	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R0524	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0114	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		R0526	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0116	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R0527	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0119	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J		R1001	NRSA63J-274X	MG RESISTOR	270kΩ 1/16W J	
R0121	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R1002	NRSA63D-101X	MG RESISTOR	100Ω 1/16W D	
R0122	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R1004	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R0125	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		R1005	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0126	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R1006	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0127	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R1007	NRSA63J-183X	MG RESISTOR	100Ω 1/16W J	
R0128	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R1010	NQLO93K-R10X	COIL	0.1uH K	
R0129	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R1012	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J	
R0131	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		R1013	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J	
R0132	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		R1014	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0133	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R1017	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0134	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		R1018	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R0137	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J		R1019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0138	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J		R1021	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0140	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J		R1022	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0141	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		R1025	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0205	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R1026	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0206	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J		R1027	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0207	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J		R1028	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0208	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J		R1029	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0209	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J		R1030	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0210	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R1101	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R0211	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		R1102	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0214	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		R1104	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R0216	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R1105	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R0219	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J		R1106	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R0221	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R1107	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R0222	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R1108	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
R0225	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		R1113	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R0226	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		R1114	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0227	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J		R1115	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0228	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R1201	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R0229	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R1203	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0231	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		R1204	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R0232	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		R1205	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	

△Ref No.	Part No.	Part Name	Description	Local	△Ref No.	Part No.	Part Name	Description	Local
R1206	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J		R3118	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1207	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J		R3120	NRSA63J-220X	MG RESISTOR	220Ω 1/16W J	
R1213	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J		R3122	NRSA63J-220X	MG RESISTOR	220Ω 1/16W J	
R1301	NRSA63J-182X	MG RESISTOR	1.8KΩ 1/16W J		R3126	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1303	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R3152	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1304	NRSA63J-332X	MG RESISTOR	3.3KΩ 1/16W J		R3153	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1305	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J		R3155	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1306	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J		R3160	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1307	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J		R3161	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1313	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J		R3165	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1401	NRSA63J-182X	MG RESISTOR	1.8KΩ 1/16W J		R3166	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1403	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R3167	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1404	NRSA63J-332X	MG RESISTOR	3.3KΩ 1/16W J		R3169	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R1405	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J		R3170	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J	
R1406	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J		R3171	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1407	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J		R3181	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J	
R1413	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J		R3207	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J	
R1523	NCB31CK-104X	C CAPACITOR	0.1μF 16V K		R3502	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R1524	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J		R3503	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R1525	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R3505	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R1584	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R3507	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R2152	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R3509	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3001	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R3511	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3004	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R3514	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R3516	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R3518	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3008	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R3520	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3009	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R3522	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3012	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R3524	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3013	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R3525	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3014	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R3527	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R3529	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3018	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J		R3531	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3019	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J		R3533	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3020	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J		R3536	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3021	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D		R3538	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3022	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D		R3540	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3023	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D		R3542	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3024	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R3544	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	
R3028	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R4004	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3029	NRSA63D-392X	MG RESISTOR	3.9kΩ 1/16W D		R4005	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3030	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D		R4006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3031	NRSA63D-151X	MG RESISTOR	150Ω 1/16W D		R4007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3032	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J		R4008	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3033	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J		R4015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3034	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J		R4016	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3036	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R4018	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3037	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J		R4019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3038	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		R4023	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3040	NRSA63J-201X	MG RESISTOR	200Ω 1/16W J		R4024	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3041	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R4027	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3042	NRSA63J-201X	MG RESISTOR	200Ω 1/16W J		R4035	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3043	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J		R4037	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3044	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J		R4039	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3045	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J		R4041	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3047	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J		R4042	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3048	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J		R4044	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3053	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J		R4046	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3054	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R4056	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3056	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R4057	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R3063	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R4058	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
R3064	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R4059	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3065	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R4060	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
R3066	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R4061	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3069	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R4064	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3070	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R4065	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3071	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R4101	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3072	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R4102	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3089	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J		R4103	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3090	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J		R4104	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3091	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J		R4105	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3092	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J		R4106	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3093	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J		R4152	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3094	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J		R6025	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3095	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J		R6028	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3096	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J		R6031	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3097	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J		R6034	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3098	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J		R6036	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R3099	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J		R6038	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3100	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J		R6039	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3101	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J		R6040	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3102	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J		R6043	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3103	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J		R6048	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R3104	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J		R6057	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3105	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J		R6058	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3106	NRS144J-0R0X	MG RESISTOR	0Ω 1/4W J		R6059	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3112	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R6507	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R3114	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R6510	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R3116	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R6512	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	

△Ref No.	Part No.	Part Name	Description	Local	△Ref No.	Part No.	Part Name	Description	Local
R9208	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J		L3012	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R9209	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J		L3013	NQL093K-R10X	COIL	0.1uH K	
R9210	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		L3014	NQL093K-R10X	COIL	0.1uH K	
RA1001	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J		L3015	NQL093K-R10X	COIL	0.1uH K	
RA1002	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J		L3501	NQR0413-003X	FERRITE BEADS		
RA1003	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4		L4001	NQR0413-003X	FERRITE BEADS		
RA3002	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J x4		L4002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
RA3004	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J x4		L4003	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
RA3013	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4		L6501	NQR0351-001X	FERRITE BEADS		
RA3014	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4		L6502	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
RA3015	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4		L6508	NZR0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA3016	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4		L6509	NZR0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA3018	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J		L6510	NZR0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
RA3020	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J		L7001	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RA3022	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J		L7002	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RA3023	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4		L7003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RA3024	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4		L7004	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RA3025	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4		L7005	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RA3026	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4		L7006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RA3028	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J		L7510	NQL092K-4R7X	COIL	4.7uH K	
RA3030	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J		L7512	NQR0489-002X	FERRITE BEADS		
RA3032	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J		L7513	NQR0489-002X	FERRITE BEADS		
RA3502	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J		L9001	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
RA3506	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4		L9002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
RA3508	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J		L9201	NQL71EM-150X	COIL	15uH M	
RA3512	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J						
RA3516	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4		CN001	QGF0508F1-50X	CONNECTOR	FFC/FPC (1-50)	
RA3518	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4		CN002	QGF0508F1-30X	CONNECTOR	FFC/FPC (1-30)	
RA3521	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J		J001	NNZ0117-001	HDMI CONNECTOR	DIGITAL IN	
RA3523	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4		K1001	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
RA3526	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J		K1002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
RA3530	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4		K1003	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
RA3531	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J		K1004	NQR0489-002X	FERRITE BEADS		
RA3536	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J		K1005	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
RA3540	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4		K3003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RA3542	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4		K3006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RA3545	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J		K3009	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
RA3547	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4		K7002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
RA4007	NRZ0034-101W	NET RESISTOR	100Ω 1/32W J x4		K7502	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
RA4008	NRZ0034-101W	NET RESISTOR	100Ω 1/32W J x4		K7503	NQR0389-003X	FERRITE BEADS		
RA4009	NRZ0034-101W	NET RESISTOR	100Ω 1/32W J x4		K9001	NQR0413-003X	FERRITE BEADS		
RA4010	NRZ0034-101W	NET RESISTOR	100Ω 1/32W J x4		K9002	NQR0413-003X	FERRITE BEADS		
RA4011	NRZ0034-101W	NET RESISTOR	100Ω 1/32W J x4		LC0102	NQ0483-005X	EMI FILTER	100uF 25V Z	
RA4012	NRZ0034-101W	NET RESISTOR	100Ω 1/32W J x4		LC0519	NQR0416-001X	EMI FILTER	240pF 16V M	
RA6515	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4		LC0522	NQR0470-007X	EMI FILTER	2200pF 50V +50%-20%	
RA7007	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4		LC0524	NQR0483-005X	EMI FILTER	100uF 25V Z	
RA7501	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J		LC0527	NQR0483-006X	EMI FILTER		
RA7502	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J		LC6501	NQR0479-001X	EMI FILTER		
RA7503	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4		LC7004	NQR0483-003X	EMI FILTER		
RA7504	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J		LC7501	NQR0483-006X	EMI FILTER		
RA7505	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J		LC7502	NQR0483-006X	EMI FILTER		
L0101	NQL092K-R68X	P COIL	0.68uH K		SL7001	NAX0613-001X	C RESONATOR		
L0102	NQL092K-1R0X	P COIL	1uH K		TP9001	LC42312-001A	EARTH TERMINAL		
L0201	NQL092K-R68X	P COIL	0.68uH K		TP9002	LC42312-001A	EARTH TERMINAL		
L0202	NQL092K-1R0X	P COIL	1uH K		TP9003	LC42312-001A	EARTH TERMINAL		
L0301	NQL092K-R68X	P COIL	0.68uH K		X1001	NAX0642-001X	CRYSTAL		
L0302	NQL092K-1R0X	P COIL	1uH K		X3001	NAX0635-001X	CXO		
L0401	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J		X3003	NAX0668-001X	CXO		
L1001	NQR0489-002X	FERRITE BEADS			X4001	NAX0669-001X	C RESONATOR		
L1002	NQR0489-002X	FERRITE BEADS			X7501	NAX0618-001X	CRYSTAL		
L1003	NQL092K-1R5X	COIL	1.5uH K						
L1004	NQR0489-002X	FERRITE BEADS							
L1005	NQR0489-002X	FERRITE BEADS							
L1006	NQR0489-002X	FERRITE BEADS							
L1008	NQL79GM-220X	COIL	22uH M						
L1010	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J						
L1011	NQL79GM-470X	COIL	47uH M						
L1101	NQL092K-6R8X	P COIL	6.8uH K		IC3204	TPS852-W	PHOTO CONDUCTOR		
L1102	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J		IC3501	MSP3415GQGB8V3M IC			
L1103	NQL093K-1R0X	P COIL	1uH K		IC3503	HA17558AF-X	IC		
L1104	NQL093K-R10X	COIL	0.1uH K		IC3504	BA80BC0FP-X	IC		
L1201	NQL092K-6R8X	P COIL	6.8uH K		IC3505	NJU26901E2-W	IC		
L1203	NQL092K-1R0X	P COIL	1uH K		IC3506	MC74VHC1GT125TX	IC		
L1301	NQL092K-3R3X	COIL	3.3uH K		IC3507	SN74LVC1G125V-X	IC		
L1303	NQL092K-1R0X	P COIL	1uH K		IC3508	SN74LVC1G125V-X	IC		
L1304	NQL093K-R10X	COIL	0.1uH K		IC3509	SN74LVC1G125V-X	IC		
L1401	NQL092K-3R3X	COIL	3.3uH K		IC3510	R1141Q251B-X	IC		
L1403	NQL092K-1R0X	P COIL	1uH K						
L1404	NQL093K-R10X	COIL	0.1uH K		Q3001	2SC3928A/QR-X	TRANSISTOR		
L1501	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J		Q3502	2SC3928A/QR-X	TRANSISTOR		
L1533	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J		Q3503	UN2213-X	DIGI TRANSISTOR		
L1534	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J						
L3005	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J		C3001	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
L3006	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J		C3002	NEHL1HM-106X	E CAPACITOR	10uF 50V M	
L3008	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J		C3003	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
L3009	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J		C3004	NEX60JM-227X	E CAPACITOR	220uF 6.3V M	
L3010	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J		C3005	NCB31HK-333X	C CAPACITOR	0.033uF 50V K	
L3011	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J						

RECEIVER P.W. BOARD ASS'Y (SFL0F204A-U2)

△Ref No.	Part No.	Part Name	Description	Local
IC3204	TPS852-W	PHOTO CONDUCTOR		
IC3501	MSP3415GQGB8V3M IC			
IC3503	HA17558AF-X	IC		
IC3504	BA80BC0FP-X	IC		
IC3505	NJU26901E2-W	IC		
IC3506	MC74VHC1GT125TX	IC		
IC3507	SN74LVC1G125V-X	IC		
IC3508	SN74LVC1G125V-X	IC		
IC3509	SN74LVC1G125V-X	IC		
IC3510	R1141Q251B-X	IC		
Q3001	2SC3928A/QR/-X	TRANSISTOR		
Q3502	2SC3928A/QR/-X	TRANSISTOR		
Q3503	UN2213-X	DIGI TRANSISTOR		
C3001	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C3002	NEHL1HM-106X	E CAPACITOR	10uF 50V M	
C3003	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3004	NEX60JM-227X	E CAPACITOR	220uF 6.3V M	
C3005	NCB31HK-333X	C CAPACITOR	0.033uF 50V K	

△Ref No.	Part No.	Part Name	Description	Local	△Ref No.	Part No.	Part Name	Description	Local
C3007	NCF31AZ-105X	C CAPACITOR	1uF 10V Z		R3513	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C3008	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		R3514	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C3009	NEHL1HM-106X	E CAPACITOR	10uF 50V M		R3515	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C3010	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		R3516	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C3011	NEHL1HM-106X	E CAPACITOR	10uF 50V M		R3517	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C3012	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		R3518	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C3014	NEHL1HM-106X	E CAPACITOR	10uF 50V M		R3519	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C3015	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		R3520	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C3213	NCB11AK-106X	C CAPACITOR	10uF 10V K		R3521	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C3214	NCB11AK-106X	C CAPACITOR	10uF 10V K		R3546	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C3215	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R3547	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C3501	NCB11AK-106X	C CAPACITOR	10uF 10V K		R3551	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
C3502	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R3552	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J	
C3503	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		R3553	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
C3504	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		R3554	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
C3511	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		R3555	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
C3512	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		R3556	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
C3513	NDC31HJ-2R0X	C CAPACITOR	2pF 50V J		R3557	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C3514	NDC31HJ-2R0X	C CAPACITOR	2pF 50V J		R3558	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C3515	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R3559	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
C3516	NEHL1AM-107X	E CAPACITOR	100uF 10V M		R3560	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
C3517	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		R3561	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
C3518	NCB31HK-222X	C CAPACITOR	2200pF 50V K		R3562	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J	
C3519	NCB31CK-105X	C CAPACITOR	1uF 16V K		R3563	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C3520	NDC31HJ-102X	C CAPACITOR	1000pF 50V J		R3564	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C3521	NCB31CK-105X	C CAPACITOR	1uF 16V K		R3572	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
C3522	NDC31HJ-102X	C CAPACITOR	1000pF 50V J		R3573	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
C3523	NDC31HJ-102X	C CAPACITOR	1000pF 50V J		R3574	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
C3524	NDC31HJ-102X	C CAPACITOR	1000pF 50V J		R3575	NRSA63J-470X	MG RESISTOR	47Ω 1/16W J	
C3525	NEHL1CM-106X	E CAPACITOR	10uF 16V M		R3576	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C3526	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		R3577	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C3527	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R3578	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
C3528	NEHL1AM-107X	E CAPACITOR	100uF 10V M		R3579	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
C3529	NEHL1CM-106X	E CAPACITOR	10uF 16V M		R3580	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
C3530	NCB11AK-106X	C CAPACITOR	10uF 10V K		R3581	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
C3531	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R3582	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C3532	NCF31AZ-105X	C CAPACITOR	1uF 10V Z		R3583	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C3533	NCF31AZ-105X	C CAPACITOR	1uF 10V Z		R3584	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C3534	NCF31AZ-105X	C CAPACITOR	1uF 10V Z		R3585	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C3535	NCF31AZ-105X	C CAPACITOR	1uF 10V Z		L3001	NQL79GM-220X	COIL	22uH M	
C3536	NCB11AK-106X	C CAPACITOR	10uF 10V K		L3002	NQL79GM-100X	COIL	10uH M	
C3537	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		L3003	NQL79GM-220X	COIL	22uH M	
C3544	NCB31AK-105X	C CAPACITOR	1uF 10V K		L3003	NQL79GM-220X	COIL	0Ω 1/10W J	
C3546	NCB31AK-105X	C CAPACITOR	1uF 10V K		L3004	NQL79GM-4R7X	COIL	4.7uH M	
C3551	NCB31HK-222X	C CAPACITOR	2200pF 50V K		L3054	NRL02J-0R0X	MG RESISTOR	0Ω 1/10W J	
C3552	NCB31HK-222X	C CAPACITOR	2200pF 50V K		L3056	NRL02J-0R0X	MG RESISTOR	0Ω 1/10W J	
C3553	NCB31HK-822X	C CAPACITOR	8200pF 50V K		L3057	NRL02J-0R0X	MG RESISTOR	0Ω 1/10W J	
C3554	NCB31HK-822X	C CAPACITOR	8200pF 50V K		L3058	NRL02J-0R0X	MG RESISTOR	0Ω 1/10W J	
C3555	NCB31HK-223X	C CAPACITOR	0.022uF 50V K		L3059	NRL02J-0R0X	MG RESISTOR	0Ω 1/10W J	
C3556	NCB31HK-223X	C CAPACITOR	0.022uF 50V K		K3501	NQR0389-003X	FERRITE BEADS		
C3559	NEHL1AM-107X	E CAPACITOR	100uF 10V M		K3502	NQR0389-003X	FERRITE BEADS		
C3560	NEHL1CM-476X	E CAPACITOR	47uF 16V M		LC3501	NQR0431-001X	EMI FILTER	0.22uF 50V Z	
C3571	NCB11AK-106X	C CAPACITOR	10uF 10V K		X3501	QAU0428-001	TUNER		
C3572	NCB11AK-106X	C CAPACITOR	10uF 10V K		X3501	QAX0773-001Z	CRYSTAL	18.432000MHz	
C3573	NCB31HK-103X	C CAPACITOR	0.01uF 50V K						
C3574	NCB11AK-106X	C CAPACITOR	10uF 10V K						
R3002	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J						
R3003	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J						
R3006	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J						
R3007	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J						
R3008	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J						
R3009	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J						
R3010	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J						
R3011	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J						
R3014	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J						
R3015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J						
R3016	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J						
R3019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J						
R3031	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J						
R3032	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J						
R3033	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J						
R3034	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J						
R3035	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J						
R3036	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J						
R3037	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J						
R3038	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J						
R3039	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J						
R3040	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J						
R3041	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J						
R3043	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J						
R3111	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J						
R3112	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J						
R3120	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J						
R3219	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J						
R3501	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J						
R3508	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J						
R3511	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J						
R3512	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J						

PRINTED WIRING BOARD PARTS LIST [LT-32S60BU, LT-32S60SU]

ANALOG SIGNAL P.W. BOARD ASS'Y (SFL-1112A-U2)

REFER TO PARTS LIST IN PAGE 3-7 FOR THIS P.W. BOARD.

CONNECTOR P.W. BOARD ASS'Y (SFL-4112A-U2)

REFER TO PARTS LIST IN PAGE 3-11 FOR THIS P.W. BOARD.

FRONT CONTROL P.W. BOARD ASS'Y (SFL-7111A-U2)

REFER TO PARTS LIST IN PAGE 3-12 FOR THIS P.W. BOARD.

FRONT LED P.W. BOARD ASS'Y (SFL-8133A-U2)

REFER TO PARTS LIST IN PAGE 3-12 FOR THIS P.W. BOARD.

POWER P.W. BOARD ASS'Y (SFL-9028A-U2)

REFER TO PARTS LIST IN PAGE 3-12 FOR THIS P.W. BOARD.

REGULATOR P.W. BOARD ASS'Y (SFL-9128A-U2)

REFER TO PARTS LIST IN PAGE 3-14 FOR THIS P.W. BOARD.

DIGITAL SIGNAL P.W. BOARD ASS'Y (SFL0D235A-U2)

△Ref No. Part No. Part Name Description Local

△Ref No.	Part No.	Part Name	Description	Local
IC0401	SN74AHCT1G32V-X	IC		
IC1001	TC90A92AFG	IC		
IC1002	MM1572FN-X	IC		
IC1003	R1141Q151D-X	IC		
IC1005	ML87V2105TBZ03A	IC		
IC1502	NJM2235V-X	IC		
IC3001	JCC5055A	IC		
IC3004	TC7MB3257FK-X	IC		
IC3005	SN74LVC1G08V-X	IC		
IC3006	SN74LVC2G126T-X	IC		
IC3007	SN74LVC3G17U-X	IC		
IC3008	R1170H331B-X	IC		
IC3403	S-80928CLNB-G-W	IC		
IC3501	EDD1232AAFA-7A	IC		
IC3502	EDD1232AAFA-7A	IC		
IC3503	LP2996MR-X	IC		
IC4001	JCC5057	IC		
IC4003	AT29LE-32S60BU	IC(MICRO C ROM)	(SERVICE)	
IC4004	ATF256-32S60BU	IC	(SERVICE)	
IC6502	THC63LVD83R-W	IC		
IC7001	MN102H60KLH	IC(MCU)		
IC7002	ATF12-32S60BU	IC(MICRO C ROM)	(SERVICE)	
IC7003	SN74LVC2G241T-X	IC		
IC7401	S-80928CLNB-G-W	IC		
IC7501	SDA6000-B12	IC		
IC7502	S-80828CNNB-G-W	IC		
IC7503	K4S641632H-UC75	IC		
IC7504	MBV160-32S60BU	IC	(SERVICE)	
IC7505	PQ2L3252MS-X	IC		
IC7506	CD74HC4053PW-X	IC		
IC7602	ATF32-32S60BU	IC	(SERVICE)	
IC9201	MP1593DN-X	IC		
Q0101	2SC3837K/NP-X	TRANSISTOR		
Q0102	2SA1022/BC/-X	TRANSISTOR		
Q0104	2SA1022/BC/-X	TRANSISTOR		
Q0105	2SC3928A/QR/-X	TRANSISTOR		
Q0107	2SA1530A/QR-X	TRANSISTOR		
Q0108	2SC3928A/QR-X	TRANSISTOR		
Q0109	HN1C01F/Y-X	PAIR TRANSISTOR		
Q0110	HN1C01F/Y-X	PAIR TRANSISTOR		
Q0201	2SC3837K/NP-X	TRANSISTOR		
Q0202	2SA1022/BC/-X	TRANSISTOR		
Q0203	2SC3928A/QR/-X	TRANSISTOR		
Q0204	2SA1022/BC/-X	TRANSISTOR		
Q0205	2SC3928A/QR-X	TRANSISTOR		
Q0206	2SC3928A/QR-X	TRANSISTOR		
Q0207	2SA1530A/QR/-X	TRANSISTOR		
Q0208	2SC3928A/QR/-X	TRANSISTOR		
Q0209	HN1C01F/Y-X	PAIR TRANSISTOR		
Q0210	HN1C01F/Y-X	PAIR TRANSISTOR		
Q0301	2SC3837K/NP-X	TRANSISTOR		
Q0302	2SA1022/BC/-X	TRANSISTOR		
Q0303	2SC3928A/QR-X	TRANSISTOR		
Q0304	2SA1022/BC/-X	TRANSISTOR		
Q0305	2SC3928A/QR-X	TRANSISTOR		
Q0306	2SC3928A/QR-X	TRANSISTOR		
Q0307	2SA1530A/QR-X	TRANSISTOR		
Q0308	2SC3928A/QR-X	TRANSISTOR		
Q0309	HN1C01F/Y-X	PAIR TRANSISTOR		
Q0310	HN1C01F/Y-X	PAIR TRANSISTOR		
Q0311	2SC3928A/QR-X	TRANSISTOR		
Q1001	UN2213-X	DIGI TRANSISTOR		
Q1003	2SC3928A/QR-X	TRANSISTOR		
Q1004	2SC3928A/QR-X	TRANSISTOR		
Q1005	2SK1228-X	MOS FET		
Q1006	2SK1228-X	MOS FET		
Q1101	2SC3928A/QR-X	TRANSISTOR		
Q1103	2SA1530A/QR-X	TRANSISTOR		
Q1201	2SC3928A/QR-X	TRANSISTOR		
Q1203	2SA1530A/QR-X	TRANSISTOR		
Q1301	2SC3928A/QR-X	TRANSISTOR		
Q1303	2SA1530A/QR-X	TRANSISTOR		
Q1401	2SC3928A/QR-X	TRANSISTOR		
Q1403	2SA1530A/QR-X	TRANSISTOR		
Q3001	2SC3928A/QR-X	TRANSISTOR		
Q3002	2SA1530A/QR-X	TRANSISTOR		
Q3003	2SC3928A/QR-X	TRANSISTOR		
Q3004	2SA1530A/QR-X	TRANSISTOR		
Q6501	2SC3928A/QR-X	TRANSISTOR		
Q6502	2SC3928A/QR-X	TRANSISTOR		
Q7201	2SA1530A/QR-X	TRANSISTOR		
Q7202	2SC3928A/QR-X	TRANSISTOR		
Q7203	2SC3928A/QR-X	TRANSISTOR		
Q7204	2SC3928A/QR-X	TRANSISTOR		
Q7205	2SC3928A/QR-X	TRANSISTOR		
Q7206	UN2213-X	DIGI TRANSISTOR		
Q7207	UN2213-X	TRANSISTOR		
Q7208	UN2213-X	TRANSISTOR		
Q7209	UN2213-X	TRANSISTOR		
Q7501	2SA1162/YG-X	TRANSISTOR		
Q7508	DTC114EKA-X	DIGI TRANSISTOR		
D1001	EC30HA03L-X	SB DIODE		
D1002	EC30HA03L-X	SB DIODE		
D2103	1SS355-X	SI DIODE		
D7001	1SS355-X	SI DIODE		
D7003	RB501V-40-X	SB DIODE		
D7005	UDZS8.2B-X	Z DIODE		
D7006	UDZS8.2B-X	Z DIODE		
D7007	UDZS8.2B-X	Z DIODE		
D7008	UDZS8.2B-X	Z DIODE		
D7009	UDZS8.2B-X	Z DIODE		
D7201	1SS355-X	SI DIODE		
D7203	1SS355-X	SI DIODE		
D7501	1SS355-X	SI DIODE		
D7502	1SS355-X	SI DIODE		
D7509	EC30HA04-X	SB DIODE		
D9203	PTZ3.9B-X	Z DIODE		
D9204	1SS355-X	SI DIODE		
C0104	NDC31HJ-390X	C CAPACITOR	39pF 50V J	
C0105	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C0107	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C0109	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0110	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0111	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0112	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0113	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0114	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C0115	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C0116	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0117	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C0118	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C0204	NDC31HJ-390X	C CAPACITOR	39pF 50V J	
C0205	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C0206	NDC31HJ-390X	C CAPACITOR	39pF 50V J	
C0207	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C0209	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0210	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C0211	NDC31HJ-820X	C CAPACITOR	82pF 50V J	
C0212	NDC31HJ-820X	C CAPACITOR	82pF 50V J	

△Ref No.	Part No.	Part Name	Description	Local	△Ref No.	Part No.	Part Name	Description	Local
C0213	NCB11AK-106X	C CAPACITOR	10uF 10V K		C1107	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C0214	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1109	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C0215	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1111	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
C0217	NDC31HJ-560X	C CAPACITOR	56pF 50V J		C1202	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C0218	NDC31HJ-151X	C CAPACITOR	150pF 50V J		C1203	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C0304	NDC31HJ-390X	C CAPACITOR	39pF 50V J		C1204	NDC31HJ-560X	C CAPACITOR	56pF 50V J	
C0305	NDC31HJ-330X	C CAPACITOR	33pF 50V J		C1205	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C0306	NDC31HJ-390X	C CAPACITOR	39pF 50V J		C1206	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C0307	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1209	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C0309	NCB11AK-106X	C CAPACITOR	10uF 10V K		C1302	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C0310	NCB11AK-106X	C CAPACITOR	10uF 10V K		C1303	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C0311	NDC31HJ-820X	C CAPACITOR	82pF 50V J		C1304	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C0312	NDC31HJ-820X	C CAPACITOR	82pF 50V J		C1305	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C0313	NCB11AK-106X	C CAPACITOR	10uF 10V K		C1306	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C0314	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1309	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C0315	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1311	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C0317	NDC31HJ-560X	C CAPACITOR	56pF 50V J		C1402	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C0318	NDC31HJ-151X	C CAPACITOR	150pF 50V J		C1403	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C0401	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C1404	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C0519	NDC31HJ-560X	C CAPACITOR	56pF 50V J		C1405	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1001	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C1406	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1004	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C1409	NDC31HJ-151X	C CAPACITOR	150pF 50V J	
C1005	NCB31HK-152X	C CAPACITOR	1500pF 50V K		C1411	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C1006	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C1502	NCJ41EK-106X-U	C CAPACITOR	10mF 25V K	
C1009	NDC31HJ-220X	C CAPACITOR	22pF 50V J		C1508	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z	
C1010	NDC31HJ-180X	C CAPACITOR	18pF 50V J		C1509	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1011	NDC31HJ-102X	C CAPACITOR	1000pF 50V J		C1511	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
C1012	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C3004	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1013	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C3006	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1014	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C3008	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1015	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C3009	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1016	NCB11AK-106X	C CAPACITOR	10uF 10V K		C3010	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1017	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C3016	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1018	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C3018	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1019	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C3019	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1021	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C3021	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1023	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C3022	NBZ0007-107X	SP E CAPACITOR	100uF 4V M	
C1025	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C3023	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1026	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C3025	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C1028	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C3026	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C1029	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C3028	NDC31HJ-221X	C CAPACITOR	220pF 50V J	
C1030	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C3030	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1031	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C3031	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1032	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C3032	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1033	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C3037	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1034	NDC31HJ-390X	C CAPACITOR	39pF 50V J		C3040	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1035	NDC31HJ-680X	C CAPACITOR	68pF 50V J		C3041	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C1037	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K		C3042	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1038	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C3043	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C1039	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C3044	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1040	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C3045	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1041	NCB10JK-106X	C CAPACITOR	10uF 6.3V K		C3047	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1042	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K		C3049	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1043	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C3051	NCB31HK-472X	C CAPACITOR	4700pF 50V K	
C1045	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C3052	NCB31AK-334X	C CAPACITOR	0.33uF 10V K	
C1046	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C3056	NCB31AK-334X	C CAPACITOR	0.33uF 10V K	
C1047	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C3059	NCB31HK-223X	C CAPACITOR	0.022uF 50V K	
C1048	NCB30JK-105X	C CAPACITOR	1uF 6.3V K		C3060	NCB31HK-152X	C CAPACITOR	1500pF 50V K	
C1049	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C3063	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1050	NCB30JK-105X	C CAPACITOR	1uF 6.3V K		C3065	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1051	NCB30JK-105X	C CAPACITOR	1uF 6.3V K		C3066	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1061	NDC31HJ-4R0X	C CAPACITOR	4pF 50V J		C3067	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1062	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M		C3068	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1063	NCB21AK-225X	C CAPACITOR	2.2uF 10V K		C3069	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1064	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C3070	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1065	NCB30JK-105X	C CAPACITOR	1uF 6.3V K		C3071	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1066	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M		C3072	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1067	NCB30JK-105X	C CAPACITOR	1uF 6.3V K		C3074	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1068	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M		C3076	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1069	NCB21AK-225X	C CAPACITOR	2.2uF 10V K		C3097	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1071	NBE20GM-106X	TA E CAPACITOR	10uF 4V M		C3101	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1072	NBE20GM-106X	TA E CAPACITOR	10uF 4V M		C3105	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1073	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M		C3107	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1074	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M		C3109	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1075	NBE40JM-476X	TA E CAPACITOR	47uF 6.3V M		C3111	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1076	NBE20GM-106X	TA E CAPACITOR	10uF 4V M		C3112	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C1077	NEHM1CM-476X	E CAPACITOR	47uF 16V M		C3127	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C1081	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C3128	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C1082	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C3129	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C1083	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C3406	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C1084	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C3501	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C1085	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C3503	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C1086	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C3506	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1087	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C3507	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C1102	NDC31HJ-330X	C CAPACITOR	33pF 50V J		C3508	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C1103	NDC31HJ-680X	C CAPACITOR	68pF 50V J		C3509	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C1104	NDC31HJ-560X	C CAPACITOR	56pF 50V J		C3511	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	
C1105	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z		C3515	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C1106	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C3516	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z	

△Ref No.	Part No.	Part Name	Description	Local	△Ref No.	Part No.	Part Name	Description	Local
C3517	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z		C7202	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3518	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C7203	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3519	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C7401	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C3524	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C7402	NDC31HJ-101X	C CAPACITOR	100pF 50V J	
C3527	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z		C7403	NCB31HK-102X	C CAPACITOR	1000pF 50V K	
C3530	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C7501	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3531	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C7502	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3532	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K		C7503	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3533	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K		C7504	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3535	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z		C7505	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3539	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z		C7506	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3540	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z		C7507	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3542	NCF31CZ-474X	C CAPACITOR	0.47uF 16V Z		C7508	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3543	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C7509	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3548	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C7510	NEHM1CM-106X	E CAPACITOR	10uF 16V M	
C3549	NBZ0007-107X	SP E CAPACITOR	100uF 4V M		C7511	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3550	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C7512	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3551	NBZ0007-107X	SP E CAPACITOR	100uF 4V M		C7513	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C3552	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C7515	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4002	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C7516	NDC31HJ-330X	C CAPACITOR	33pF 50V J	
C4003	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C7517	NDC31HJ-270X	C CAPACITOR	27pF 50V J	
C4005	NCB31AK-105X	C CAPACITOR	1uF 10V K		C7518	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C4006	NCB31AK-105X	C CAPACITOR	1uF 10V K		C7520	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4008	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z		C7522	NEHM1CM-106X	E CAPACITOR	10uF 16V M	
C4009	NCB31AK-105X	C CAPACITOR	1uF 10V K		C7523	NEHM1CM-476X	E CAPACITOR	47uF 16V M	
C4010	NCB31AK-105X	C CAPACITOR	1uF 10V K		C7524	NEHM1CM-476X	E CAPACITOR	47uF 16V M	
C4011	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z		C7525	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4012	NCB31AK-105X	C CAPACITOR	1uF 10V K		C7526	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4013	NCB31AK-105X	C CAPACITOR	1uF 10V K		C7527	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4016	NCB31AK-105X	C CAPACITOR	1uF 10V K		C7528	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4020	NCB31AK-105X	C CAPACITOR	1uF 10V K		C7529	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4022	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C7530	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4023	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		C7531	NEHM1CM-476X	E CAPACITOR	47uF 16V M	
C4029	NDC31HJ-470X	C CAPACITOR	47pF 50V J		C7532	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4030	NDC31HJ-470X	C CAPACITOR	47pF 50V J		C7533	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4031	NCB11AK-106X	C CAPACITOR	10uF 10V K		C7534	NCB11AK-106X	C CAPACITOR	10uF 10V K	
C4901	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C7535	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4902	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C7536	NDC31HJ-470X	C CAPACITOR	47pF 50V J	
C4906	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C7541	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C4907	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C7542	NEHLOGM-227X	E CAPACITOR	220uF 4V M	
C4908	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C7543	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C4909	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C7544	NEHLOJM-107X	E CAPACITOR	100uF 6.3V M	
C4910	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C7545	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C4913	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C7546	NCF31CZ-104X	C CAPACITOR	0.1uF 16V Z	
C4914	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C7547	NCB30JK-225X	C CAPACITOR	2.2uF 6.3V K	
C4915	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C7548	NEHLOGM-227X	E CAPACITOR	220uF 4V M	
C4916	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C7550	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C4917	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C7552	NCB31AK-105X	C CAPACITOR	1uF 10V K	
C4919	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C7557	NCB31CK-104X	C CAPACITOR	0.1uF 16V K	
C4920	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C7616	NCB11CK-105X	C CAPACITOR	1uF 16V K	
C4921	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C9001	NEHM1CM-476X	E CAPACITOR	47uF 16V M	
C4922	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C9002	NEHM1CM-476X	E CAPACITOR	47uF 16V M	
C4923	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C9003	NEHM1CM-476X	E CAPACITOR	47uF 16V M	
C4925	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C9202	NCJ41HK-335X-U	C CAPACITOR		
C4926	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C9203	NCB31EK-393X	C CAPACITOR	0.039uF 25V K	
C4931	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C9204	NCB31HK-103X	C CAPACITOR	0.01uF 50V K	
C4932	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C9205	NCJ41CK-226X-U	C CAPACITOR	22mF 16V K	
C4933	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C9207	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C4934	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C9209	NELA1AM-157X	E CAPACITOR	150uF 10V M	
C4935	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C9211	NCB31HK-153X	C CAPACITOR	0.015uF 50V K	
C4936	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		C9212	NCB31HK-222X	C CAPACITOR	2200pF 50V K	
C4937	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		R0105	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C4939	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		R0106	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
C4940	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		R0107	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
C4941	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		R0109	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C4942	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		R0110	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C6013	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R0114	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
C6014	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R0116	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C6015	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R0119	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J	
C6512	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R0121	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C6513	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R0122	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C6514	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R0125	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J	
C6515	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R0126	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C6516	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R0127	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C6520	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R0128	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
C6522	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R0129	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
C6523	NCB11AK-106X	C CAPACITOR	10uF 10V K		R0131	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
C7001	NCB31AK-105X	C CAPACITOR	1uF 10V K		R0132	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
C7002	NCB31AK-105X	C CAPACITOR	1uF 10V K		R0133	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
C7003	NCF11CZ-475X	C CAPACITOR	4.7uF 16V Z		R0134	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
C7006	NDC31HJ-150X	C CAPACITOR	15pF 50V J		R0137	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J	
C7007	NCB31AK-105X	C CAPACITOR	1uF 10V K		R0138	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
C7012	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R0140	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
C7013	NCB31HK-103X	C CAPACITOR	0.01uF 50V K		R0141	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
C7017	NDC31HJ-391X	C CAPACITOR	390pF 50V J		R0205	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
C7018	NCB31AK-105X	C CAPACITOR	1uF 10V K		R0206	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
C7025	NCB31CK-104X	C CAPACITOR	0.1uF 16V K		R0207	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
C7201	NCB31AK-105X	C CAPACITOR	1uF 10V K		R0208	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	

△Ref No.	Part No.	Part Name	Description	Local	△Ref No.	Part No.	Part Name	Description	Local
R0209	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J		R1030	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0210	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R1101	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R0211	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		R1102	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0214	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		R1104	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R0216	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R1105	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R0219	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J		R1106	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R0221	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R1107	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R0222	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R1108	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J	
R0225	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		R1113	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R0226	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		R1114	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0227	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J		R1115	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0228	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R1201	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R0229	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R1203	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0231	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		R1204	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R0232	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		R1205	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R0233	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R1206	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0234	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		R1207	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J	
R0237	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J		R1213	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R0238	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J		R1301	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R0240	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J		R1303	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0241	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		R1304	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R0242	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		R1305	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R0243	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R1306	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0305	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R1307	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R0306	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J		R1313	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R0307	NRSA63J-331X	MG RESISTOR	330Ω 1/16W J		R1401	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J	
R0308	NRSA63J-681X	MG RESISTOR	680Ω 1/16W J		R1403	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R0309	NRSA63J-151X	MG RESISTOR	150Ω 1/16W J		R1404	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J	
R0310	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R1405	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R0311	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		R1406	NRSA63J-471X	MG RESISTOR	470Ω 1/16W J	
R0314	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		R1407	NRSA63J-561X	MG RESISTOR	560Ω 1/16W J	
R0316	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R1413	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J	
R0319	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J		R1523	NCB31CK-104X	C CAPACITOR	0.1μF 16V K	
R0321	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R1524	NRSA63J-474X	MG RESISTOR	470kΩ 1/16W J	
R0322	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R1525	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0325	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		R1584	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0326	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		R2152	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0327	NRSA63J-181X	MG RESISTOR	180Ω 1/16W J		R3001	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0328	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		R3004	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J	
R0329	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R3006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0331	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		R3007	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0332	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		R3008	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0333	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R3009	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0334	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		R3012	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0337	NRSA63J-271X	MG RESISTOR	270Ω 1/16W J		R3013	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0338	NRSA63J-330X	MG RESISTOR	33Ω 1/16W J		R3014	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0340	NRSA63J-182X	MG RESISTOR	1.8kΩ 1/16W J		R3015	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R0341	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		R3018	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J	
R0342	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		R3019	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J	
R0343	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R3020	NRSA02J-3R3X	MG RESISTOR	3.3Ω 1/10W J	
R0344	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		R3021	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R0345	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		R3022	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D	
R0501	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R3023	NRSA63D-332X	MG RESISTOR	3.3kΩ 1/16W D	
R0502	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R3024	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0504	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R3028	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0506	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R3029	NRSA63D-392X	MG RESISTOR	3.9kΩ 1/16W D	
R0507	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R3030	NRSA63D-102X	MG RESISTOR	1kΩ 1/16W D	
R0508	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R3031	NRSA63D-151X	MG RESISTOR	150Ω 1/16W D	
R0516	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R3032	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J	
R0517	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R3033	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J	
R0518	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R3034	NRSA63J-5R6X	MG RESISTOR	5.6Ω 1/16W J	
R0519	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R3036	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0520	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R3037	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R0522	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R3038	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R0523	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R3040	NRSA63J-201X	MG RESISTOR	200Ω 1/16W J	
R0524	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R3041	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J	
R0526	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R3042	NRSA63J-201X	MG RESISTOR	200Ω 1/16W J	
R0527	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R3043	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R1001	NRSA63J-274X	MG RESISTOR	270kΩ 1/16W J		R3044	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R1002	NRSA63D-101X	MG RESISTOR	100Ω 1/16W D		R3045	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R1004	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J		R3047	NRSA63J-562X	MG RESISTOR	5.6kΩ 1/16W J	
R1005	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R3048	NRSA63J-821X	MG RESISTOR	820Ω 1/16W J	
R1006	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R3053	NRSA63J-272X	MG RESISTOR	2.7kΩ 1/16W J	
R1007	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R3054	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1010	NRSA63J-183X	MG RESISTOR	18kΩ 1/16W J		R3056	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1011	NQL093K-R10X	COIL	0.1uH K		R3063	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1012	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J		R3064	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1013	NRSA63J-122X	MG RESISTOR	1.2kΩ 1/16W J		R3065	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1014	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R3066	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R1017	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R3069	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1018	NRSA63J-332X	MG RESISTOR	3.3kΩ 1/16W J		R3070	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1019	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R3071	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1021	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R3072	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R1022	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R3089	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R1025	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R3090	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R1026	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R3091	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R1027	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R3092	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R1028	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R3093	NRSA63J-220X	MG RESISTOR	22Ω 1/16W J	
R1029	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R3094	NRSA63J-510X	MG RESISTOR	51Ω 1/16W J	

△Ref No.	Part No.	Part Name	Description	Local	△Ref No.	Part No.	Part Name	Description	Local
R7101	NRSA63J-333X	MG RESISTOR	33kΩ 1/16W J		R7714	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7104	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R7715	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7106	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R7716	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7108	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R7717	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7109	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R7718	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J	
R7111	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R7719	NRSA63J-184X	MG RESISTOR	180kΩ 1/16W J	
R7112	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R7720	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7117	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R7725	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7118	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		R7726	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7119	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R9201	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J	
R7120	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R9202	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R7132	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		R9204	NRSA63D-272X	MG RESISTOR	2.7kΩ 1/16W D	
R7133	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R9205	NRSA63D-103X	MG RESISTOR	10kΩ 1/16W D	
R7134	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J		R9206	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J	
R7135	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J		R9207	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R7136	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R9208	NRSA63J-105X	MG RESISTOR	1MΩ 1/16W J	
R7137	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		R9209	NRSA63J-680X	MG RESISTOR	68Ω 1/16W J	
R7140	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J		R9210	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
R7144	NCB30JK-105X	C CAPACITOR	1uF 6.3V K		RA1001	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
R7145	NCB30JK-105X	C CAPACITOR	1uF 6.3V K		RA1002	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
R7146	NCB30JK-105X	C CAPACITOR	1uF 6.3V K		RA1003	NRZ0040-101X	NET RESISTOR	100Ω 1/16W J x4	
R7148	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		RA3002	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J x4	
R7149	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		RA3004	NRZ0034-103W	NET RESISTOR	10kΩ 1/32W J x4	
R7150	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		RA3013	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4	
R7151	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J		RA3014	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4	
R7152	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J		RA3015	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4	
R7153	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		RA3016	NRZ0034-220W	NET RESISTOR	22Ω 1/32W J x4	
R7158	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		RA3018	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
R7159	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		RA3020	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
R7160	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		RA3022	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
R7161	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		RA3023	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
R7202	NRSA63J-273X	MG RESISTOR	27kΩ 1/16W J		RA3024	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
R7203	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J		RA3025	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
R7204	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		RA3026	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
R7205	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		RA3028	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
R7206	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		RA3030	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
R7207	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		RA3032	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
R7208	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		RA3502	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
R7209	NRSA63J-152X	MG RESISTOR	1.5kΩ 1/16W J		RA3506	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
R7210	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		RA3508	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
R7211	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		RA3512	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
R7212	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J		RA3516	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
R7213	NRSA63J-102X	MG RESISTOR	1kΩ 1/16W J		RA3518	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
R7214	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		RA3521	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
R7215	NRSA63J-104X	MG RESISTOR	100kΩ 1/16W J		RA3523	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
R7216	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		RA3526	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
R7219	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		RA3530	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
R7222	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		RA3531	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
R7224	NRSA63J-683X	MG RESISTOR	68kΩ 1/16W J		RA3536	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
R7401	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		RA3540	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
R7404	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		RA3542	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
R7501	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		RA3545	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
R7510	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		RA3547	NRZ0040-510X	NET RESISTOR	51Ω 1/16W J x4	
R7511	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		RA4007	NRZ0034-101W	NET RESISTOR	100Ω 1/32W J x4	
R7514	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		RA4008	NRZ0034-101W	NET RESISTOR	100Ω 1/32W J x4	
R7515	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		RA4009	NRZ0034-101W	NET RESISTOR	100Ω 1/32W J x4	
R7518	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		RA4010	NRZ0034-101W	NET RESISTOR	100Ω 1/32W J x4	
R7553	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		RA4011	NRZ0034-101W	NET RESISTOR	100Ω 1/32W J x4	
R7556	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		RA4012	NRZ0034-101W	NET RESISTOR	100Ω 1/32W J x4	
R7557	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J		RA6515	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4	
R7558	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		RA7007	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
R7559	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		RA7501	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
R7560	NRSA63J-473X	MG RESISTOR	47kΩ 1/16W J		RA7502	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
R7561	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		RA7503	NRZ0040-0R0X	NET RESISTOR	0Ω 1/16W J x4	
R7565	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		RA7504	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
R7566	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		RA7505	NRZ0080-510X	NET RESISTOR	51Ω 1/16W J	
R7567	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		L0101	NQL092K-R68X	P COIL	0.68uH K	
R7568	NRSA63J-222X	MG RESISTOR	2.2kΩ 1/16W J		L0102	NQL092K-1R0X	P COIL	1uH K	
R7569	NRSA63J-390X	MG RESISTOR	39Ω 1/16W J		L0201	NQL092K-R68X	P COIL	0.68uH K	
R7576	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		L0202	NQL092K-1R0X	P COIL	1uH K	
R7588	NRSA63J-221X	MG RESISTOR	220Ω 1/16W J		L0301	NQL092K-R68X	P COIL	0.68uH K	
R7590	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		L0302	NQL092K-1R0X	P COIL	1uH K	
R7599	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		L0401	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R7602	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		L1001	NQR0489-002X	FERRITE BEADS		
R7603	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		L1002	NQR0489-002X	FERRITE BEADS		
R7692	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		L1003	NQL092K-1R5X	COIL	1.5uH K	
R7701	NRSA63J-472X	MG RESISTOR	4.7kΩ 1/16W J		L1004	NQR0489-002X	FERRITE BEADS		
R7702	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		L1005	NQR0489-002X	FERRITE BEADS		
R7703	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		L1006	NQR0489-002X	FERRITE BEADS		
R7704	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		L1008	NQL79GM-220X	COIL	22uH M	
R7705	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		L1010	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R7707	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		L1011	NQL79GM-470X	COIL	47uH M	
R7708	NRSA63J-820X	MG RESISTOR	82Ω 1/16W J		L1101	NQL092K-6R8X	P COIL	6.8uH K	
R7709	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		L1102	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
R7710	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		L1103	NQL093K-1R0X	P COIL	1uH K	
R7711	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		L1104	NQL093K-1R0X	COIL	0.1uH K	
R7712	NRSA63J-103X	MG RESISTOR	10kΩ 1/16W J		L1201	NQL092K-6R8X	P COIL	6.8uH K	
R7713	NRSA63J-101X	MG RESISTOR	100Ω 1/16W J		L1203	NQL092K-1R0X	P COIL	1uH K	

△Ref No.	Part No.	Part Name	Description	Local	△Ref No.	Part No.	Part Name	Description	Local
L1301	NQL092K-3R3X	COIL	3.3uH K		CN001	QGF0508F1-50X	CONNECTOR	FFC/FPC (1-50)	
L1303	NQL092K-1R0X	P COIL	1uH K		CN002	QGF0508F1-30X	CONNECTOR	FFC/FPC (1-30)	
L1304	NQL093K-R10X	COIL	0.1uH K		J001	NNZ0117-001	HDMI CONNECTOR	DIGITAL IN	
L1401	NQL092K-3R3X	COIL	3.3uH K		K1001	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1403	NQL092K-1R0X	P COIL	1uH K		K1002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1404	NQL093K-R10X	COIL	0.1uH K		K1003	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1501	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J		K1004	NQR0489-002X	FERRITE BEADS		
L1533	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J		K1005	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L1534	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J		K3003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L3005	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J		K3006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L3006	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J		K3009	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3008	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J		K7002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J	
L3009	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J		K7502	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J	
L3010	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J		K7503	NQR0389-003X	FERRITE BEADS		
L3011	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J		K9001	NQR0413-003X	FERRITE BEADS		
L3012	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J		K9002	NQR0413-003X	FERRITE BEADS		
L3013	NQL093K-R10X	COIL	0.1uH K		LC0102	NQR0483-005X	EMI FILTER	100uF 25V Z	
L3014	NQL093K-R10X	COIL	0.1uH K		LC0519	NQR0416-001X	EMI FILTER	240pF 16V M	
L3015	NQL093K-R10X	COIL	0.1uH K		LC0522	NQR0470-007X	EMI FILTER	2200pF 50V +50%-20%	
L3501	NQR0413-003X	FERRITE BEADS			LC0524	NQR0483-005X	EMI FILTER	100uF 25V Z	
L4001	NQR0413-003X	FERRITE BEADS			LC0527	NQR0483-006X	EMI FILTER		
L4002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J		LC6501	NQR0479-001X	EMI FILTER		
L4003	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J		LC7004	NQR0483-003X	EMI FILTER		
L6501	NQR0351-001X	FERRITE BEADS			LC7501	NQR0483-006X	EMI FILTER		
L6502	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J		LC7502	NQR0483-006X	EMI FILTER		
L6508	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4		SL7001	NAX0613-001X	C RESONATOR		
L6509	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4		TP9001	LC42312-001A	EARTH TERMINAL		
L6510	NRZ0034-0R0W	NET RESISTOR	0Ω 1/32W J x4		TP9002	LC42312-001A	EARTH TERMINAL		
L7001	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		TP9003	LC42312-001A	EARTH TERMINAL		
L7002	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		X1001	NAX0642-001X	CRYSTAL		
L7003	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		X3001	NAX0635-001X	CXO		
L7004	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		X3003	NAX0668-001X	CXO		
L7005	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		X4001	NAX0669-001X	C RESONATOR		
L7006	NRSA63J-0R0X	MG RESISTOR	0Ω 1/16W J		X7501	NAX0618-001X	CRYSTAL		
L7510	NQL092K-4R7X	COIL	4.7uH K						
L7512	NQR0489-002X	FERRITE BEADS							
L7513	NQR0489-002X	FERRITE BEADS							
L9001	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J						
L9002	NRSA02J-0R0X	MG RESISTOR	0Ω 1/10W J						
L9201	NQL71EM-150X	COIL	15uH M						

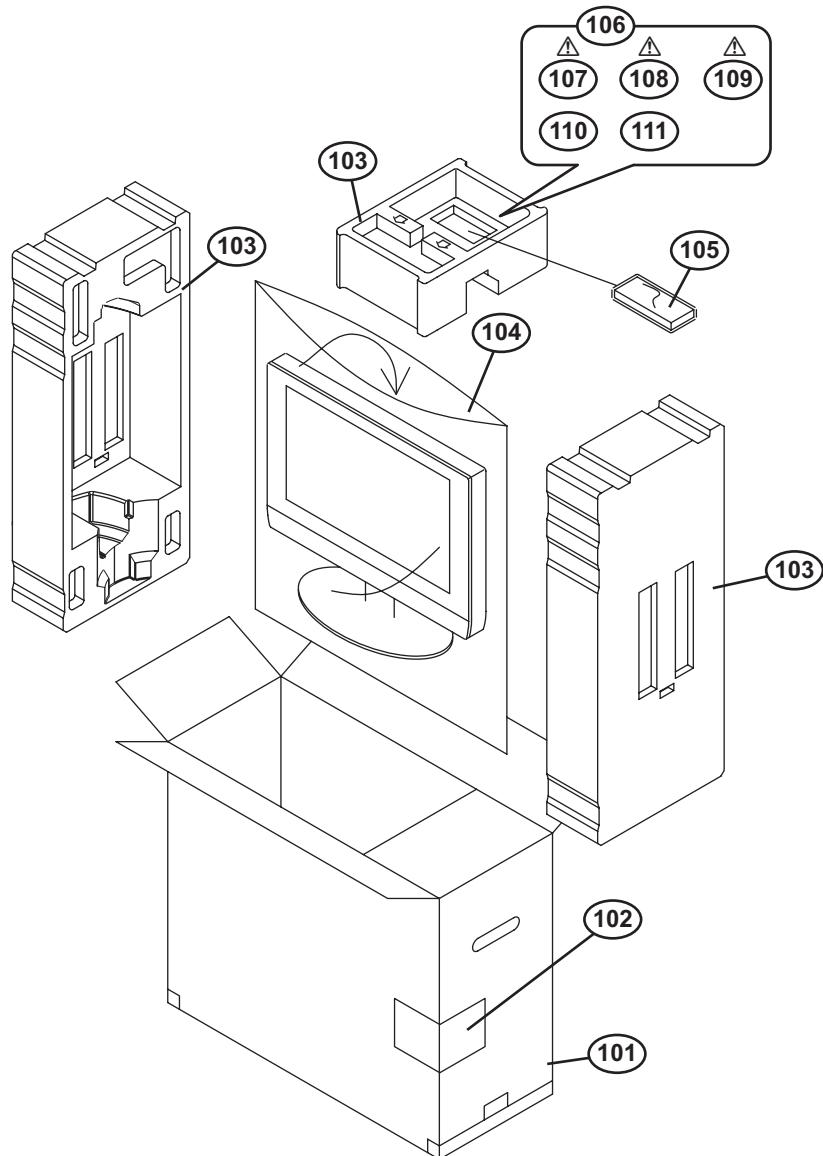
RECEIVER P.W. BOARD ASS'Y (SFL0F204A-U2)

REFER TO PARTS LIST IN PAGE 3-20 FOR THIS P.W. BOARD.

REMOTE CONTROL UNIT PARTS LIST (RM-C1811H-1C)

△ Ref No.	Part No.	Part Name	Description	Local
2AA070311		BATTERY COVER		

PACKING



PACKING PARTS LIST

Ref.No.	Part No.	Part Name	Description	Local
101	GA10002-068A-U	PACKING CASE		LT-26S60BU,LT-26S60SU
101	GA10002-069A-U	PACKING CASE		LT-32S60BU,LT-32S60SU
102	GA10027-011A-U	EURO LABEL		LT-26S60BU
102	GA10027-012A-U	EURO LABEL		LT-26S60SU
102	GA10027-015A-U	EURO LABEL		LT-32S60BU
102	GA10027-016A-U	EURO LABEL		LT-32S60SU
103	GA10058-001A-U	CUSION ASSY	3pcs in 1set	LT-26S60BU,LT-26S60SU
103	GA10059-001A-U	CUSION ASSY	3pcs in 1set	LT-32S60BU,LT-32S60SU
104	GA10026-001A-U	FOAM BAG		LT-26S60BU,LT-26S60SU
104	GA10026-002A-U	FOAM BAG		LT-32S60BU,LT-32S60SU
105	RM-C1811H-1C	REMOCON UNIT		
106	GA30007-001A-U	DOCUMENT BAGS		
107	LCT1848-001A-U	INST BOOK	English/German/French/Dutch/Spanish/Italian/Portuguese	
108	LCT1849-001A-U	INST BOOK	Norwegian/Finn/Danish/Swedish	
109	LCT1850-001A-U	INST BOOK	Russian/Polish/Czech/Hungarian/Romanian/Bulgarian	
110	-----	BATTERY	R6P/AA(x2)	
111	-----	WARRANTY CARD	BT-54027-1E	